Abenezer Meheret

Machine Learning Engineer | ERP Expert | Outstanding project manager | Data science president | Web scraping genius | Natural Language Processing wizard | Deep learning guru |

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EXPERIENCE(5+ Years)

Addis Ababa Science and Technology University(AASTU), Backend developer

I have worked at AASTU as a backend developer for a research management system.

Addis Ababa Science and Technology University, Backend developer

I have worked at AASTU as a machine learning engineer for a disease detection from X-Ray images that has produced remarkable results during testing.

ATG Tech solutions, Full stack developer

I have worked as a full stack developer for a project management system at ATG Tech Solutions.

Masstech Trading Solutions, Full stack developer

I have worked as a full stack developer on odoo based tender documents management systems at masstech trading systems.

WAO algorithmic trading solutions, Systems developer

I have worked as system's developer on an algorithmic trading bot at Wao Algorithmic Trading solutions.

Upwork, Lead systems developer

I have worked with a private client at upwork on algorithmic trading systems.

Upwork, Backend developer

I have worked on a realtime agents location tracking system for a private client at upwork.

Upwork, Backend developer

Programming languages, frameworks I have specialized in

1. Html, Css, Javascript
2. Node.js
3. Python
4. MYSQL, PostgreSQL
5. Tensorflow
6. Keras
7. Sklearn
8. Opencv
9. Numpy
10. Pandas
11. Matplotlib
12. Seaborn
13. Flask
14. FaskAPI
15. Odoo 15
16. Binance
17. Python-binance
18. Binance-futures
19. Backtrader
20. Yahoo-finance
21. Websockets
22. Python-telegram
23. Beautifulsoup
24. Scrappy
25. NLP
26. Transformers

HARD SKILLS

1. Proficient in programming languages and framework
2. Problem solving
3. Data structures and

I have worked on a fast api token based authentication system that can be easily integrated with odoo 15 for a private client on upwork.

3ETS Tech, Odoo 15 developer

I have worked as a senior odoo 15 developer on a College management system at 3ETS Tech.

3ETS Tech, Odoo 15 developer

I have worked as a senior odoo 15 developer on ERP systems that involves management of accounting, purchase, human resources and inventory operations.

Personal, Chief backend developer

I have worked as a chief backend developer for a python based e-commerce web scraping platform.

Personal, Backend developer

I have worked as a chief backend developer for an odoo based house rent management system that is directly integrated with telegram.

Personal, Machine learning engineer

I have worked as machine learning engineer on an amharic twitter hate speech analysis platform

Addis Ababa Science and Technology University, Machine learning engineer

I have worked as a chief backend engineer and machine learning engineer on an AI based student assistant project at AASTU.

Wao algorithmic trading solutions, Machine learning engineer

I have worked as a chief machine learning engineer and developer on an AI based market price predictions platform at Wao Algorithmic trading solutions.

Personal, machine learning engineer

I have worked as a chief machine learning engineer on a customer support chatbot which at the same time measures customer satisfaction.

Nerd technologies, machine learning engineer

I have worked as a machine learning engineer on a vehicle and license plate detection platform at Nerd Technologies.

algorithms

4. Software development lifecycle
5. Version control
6. Database management
7. Web development
8. Testing and debugging
9. Software Quality assurance
10. Security
11. Devops
12. Cloud computing platforms such as AWS, GCP

SOFT SKILLS

1. Communication skills
2. Collaboration and teamwork
3. Adaptability and flexibility
4. Critical thinking
5. Time and task management/Prioritization
6. Creativity and innovation
7. Leadership
8. Adaptability and resilience

LANGUAGES

Amharic, English

EDUCATION

Addis Ababa Science and Technology University, Location — *Degree*

I have graduated from Addis Ababa Science and Technology with a CGPA of 3.56.

Projects

Research management system

The research management system is a powerful tool designed to streamline every aspect of the research process. From project inception to publication, this system offers seamless organization, collaboration, and tracking capabilities. Researchers can easily manage tasks, access relevant documents, and monitor progress in real-time. With integrated communication features and customizable workflows, collaboration among team members is efficient and effective. This system ensures that research projects are conducted smoothly, ultimately leading to more impactful discoveries and contributions to the field.

Disease detection from X-ray images

The disease detection system from X-ray images employs advanced machine learning algorithms to accurately identify and classify various diseases, such as pneumonia, tuberculosis, and lung cancer, from X-ray scans. Leveraging a vast database of annotated images, the model has been trained to recognize subtle patterns and anomalies indicative of specific conditions. Through rigorous testing and validation, we have achieved high levels of sensitivity and specificity, ensuring reliable diagnosis outcomes. With its rapid processing capabilities and user-friendly interface, the system assists healthcare professionals in making timely and informed decisions, ultimately enhancing patient care and outcomes.

Project management system

The project management system is a sophisticated platform designed to streamline every aspect of project execution. From initial planning to final delivery, this system offers intuitive tools for task management, resource allocation, and progress tracking. With features such as customizable workflows, real-time collaboration, and insightful analytics, project managers can efficiently coordinate team efforts and monitor project health. By centralizing communication and documentation, this system fosters transparency and accountability, ensuring that projects stay on schedule and within budget. Its user-friendly interface and robust capabilities empower teams to achieve

their goals with precision and efficiency.

Odoo based tender documents management system

The tender document management system provides a seamless solution for organizing, tracking, and managing tender documents efficiently. With user-friendly features such as document categorization, version control, and secure access controls, this system ensures that stakeholders can easily access and collaborate on tender documents while maintaining data integrity and confidentiality. Automated notifications and reminders streamline the tender process, ensuring deadlines are met and submissions are accurate. Through centralized storage and robust search capabilities, finding and retrieving relevant documents is quick and effortless, saving time and enhancing productivity. This system empowers organizations to handle tender processes with ease, ultimately leading to successful bid submissions and contract awards.

Wao Algorithmic trading bot

The algorithmic trading bot prioritizes risk management as its core principle, employing sophisticated algorithms to analyze market trends and execute trades with minimal risk exposure. By integrating advanced risk assessment models, such as Value at Risk (VaR) and stop-loss mechanisms, the bot dynamically adjusts its trading strategy to mitigate potential losses and maximize returns. Additionally, it incorporates strict position sizing rules and diversification strategies to spread risk across multiple assets and minimize portfolio volatility. With real-time monitoring and adaptive decision-making capabilities, this bot ensures disciplined risk management while pursuing profitable trading opportunities in volatile markets.

Upwork algorithmic bot developer

The algorithmic trading bot is engineered to prioritize profit maximization, leveraging advanced algorithms and data analysis techniques to identify high-probability trading opportunities in real-time. With a focus on optimizing entry and exit points, the bot executes trades swiftly and efficiently to capitalize on market fluctuations and trends. By employing sophisticated risk-reward ratios and profit targets, it systematically manages trades to maximize potential gains while minimizing losses. Additionally, the bot adapts its strategies based on market conditions and historical data, continuously optimizing its performance to achieve superior profitability over time.

Realtime agent location tracking system

The Odoo 15 Realtime agent location tracking system offers a comprehensive solution for businesses to monitor the real-time location of their agents seamlessly. Leveraging Odoo's robust platform, this system provides live updates on agent whereabouts, enabling efficient

dispatching, route optimization, and customer service coordination. With intuitive mapping features and customizable alerts, managers can oversee agent movements with precision and make informed decisions to enhance operational efficiency. By centralizing location data and integrating with other Odoo modules, such as CRM and inventory management, this system optimizes resource allocation and improves overall productivity.

FastAPI odoo 15 token based authentication

The FastAPI Odoo 15 token-based authentication system provides a secure and efficient way to authenticate users accessing Odoo 15 APIs. Leveraging FastAPI's robust framework, this system generates and validates tokens for authorized users, ensuring seamless integration with Odoo's backend services. By implementing token-based authentication, we enhance security measures, protecting sensitive data and resources from unauthorized access. With its lightweight and scalable architecture, this system delivers fast authentication responses, enabling smooth communication between external applications and Odoo 15 instances.

College management system

The college management system is a comprehensive platform designed to streamline administrative tasks, academic operations, and student management processes within the college ecosystem. Utilizing intuitive interfaces and robust features, this system enables efficient management of student records, course scheduling, faculty assignments, and resource allocation. With modules for admissions, examinations, attendance tracking, and financial management, administrators can oversee every aspect of college operations with ease. Moreover, the system fosters communication and collaboration among students, faculty, and staff through integrated messaging and notification features. Overall, this system optimizes workflow efficiency, enhances transparency, and supports the overall success of the college community.

Odoo 15 ERP System

The Odoo 15 ERP system is a comprehensive solution that integrates all core business functions into a single platform, streamlining operations and enhancing efficiency. Leveraging Odoo's modular architecture, this system encompasses modules for accounting, sales, purchasing, inventory management, human resources, and more. With intuitive interfaces and customizable workflows, users can easily configure the system to meet their specific business needs. Real-time reporting and analytics provide valuable insights into business performance, enabling informed decision-making. Furthermore, seamless integration with third-party applications and robust scalability ensure that the ERP system can adapt and grow with the evolving needs of the organization, ultimately driving productivity and success.

Telegram based E-commerce web scraping platform

The Telegram-based e-commerce web scraping platform offers users a convenient and efficient way to access real-time product information and updates directly through the Telegram messaging app. Leveraging web scraping technologies, this platform collects data from various e-commerce websites, including product details, prices, availability, and reviews. Users can subscribe to specific product categories or brands and receive instant notifications whenever there are updates or price changes. With seamless integration with Telegram, users can easily interact with the platform using familiar messaging features, making it convenient to stay informed about the latest deals and trends in e-commerce.

House rent management system

The Telegram-based house rent management system provides landlords and tenants with a convenient and efficient way to manage rental properties and payments directly through the Telegram messaging app. Leveraging Telegram's chat interface, users can easily communicate rental inquiries, schedule property viewings, and submit rental payments securely. Landlords can receive automated notifications for upcoming rent payments and maintenance requests, while tenants can access their rental history and communicate any issues or concerns instantly. With seamless integration with Telegram, this system simplifies the rental process and enhances communication between landlords and tenants, ultimately streamlining house rent management.

Twitter hate speech analysis

The Twitter hate speech analysis system, based on Python, utilizes advanced natural language processing (NLP) techniques to identify and analyze instances of hate speech on the platform. Leveraging Python's powerful libraries such as NLTK and Scikit-learn, the system employs machine learning algorithms to classify tweets as either hate speech or non-hate speech based on linguistic features and context. Through sentiment analysis, topic modeling, and user profiling, the system provides valuable insights into the prevalence and nature of hate speech on Twitter. With its robust capabilities and automated processing, this system enables researchers, policymakers, and social media platforms to better understand and address the challenges of online hate speech.

AI based student assistant

The Python-based AI student assistant system serves as a personalized and adaptive tool to support students in their academic journey. Utilizing machine learning algorithms and natural language processing techniques, the system analyzes student data, including performance metrics, learning preferences, and areas of difficulty, to provide tailored recommendations and assistance. From answering questions and providing explanations to suggesting relevant study materials and

practice exercises, the AI assistant supports students in comprehending complex concepts and improving their academic performance. With its intuitive interface and adaptive learning capabilities, this system empowers students to optimize their learning experience and achieve their educational goals effectively.

AI based stock market price prediction

The Python-based AI market price prediction system harnesses advanced machine learning algorithms to forecast market trends and predict price movements across various financial assets. Leveraging historical market data, technical indicators, and sentiment analysis from news and social media, the system employs sophisticated models such as recurrent neural networks (RNNs) and gradient boosting machines (GBMs) to generate accurate predictions. Through continuous learning and adaptation, the system identifies patterns and anomalies in market behavior, providing traders and investors with valuable insights to make informed decisions and maximize profitability. With its robust performance and real-time capabilities, this system empowers users to navigate dynamic market conditions with confidence and precision.

Customer feedback chatbot

The Python-based AI customer feedback chatbot offers a seamless and efficient way for businesses to collect and analyze customer feedback. Utilizing natural language processing (NLP) and sentiment analysis algorithms, the chatbot engages with customers in real-time conversations to gather feedback on products, services, and overall experiences. Through advanced analytics and reporting features, businesses can gain valuable insights into customer sentiment, preferences, and pain points, allowing them to make data-driven decisions to improve customer satisfaction and loyalty. With its conversational interface and AI-driven intelligence, this chatbot enhances customer engagement and empowers businesses to deliver exceptional customer experiences.

Vehicle and license plate detection system

The Python-based vehicle and license plate detection system utilizes computer vision techniques to accurately identify and track vehicles and license plates in real-time. Leveraging deep learning models such as YOLO (You Only Look Once) and OpenCV (Open Source Computer Vision Library), the system detects vehicles within camera feeds and extracts license plate information with high accuracy. With its robust image processing capabilities and efficient algorithms, this system can be deployed for various applications, including traffic management, parking enforcement, and security surveillance. Offering fast and reliable performance, this system enhances situational awareness and aids in law enforcement and vehicle tracking tasks.

CLIENT TESTIMONIALS

Mr. Abdus Sattar

Odoo 15 Realtime data update

★★★★★ 5.00 | Mar 30, 2023 - Apr 20, 2023

"He is superb! He find a solution in way which is scalable. I will definitely work with him again."

$83.00 Fixed price

Mr. John

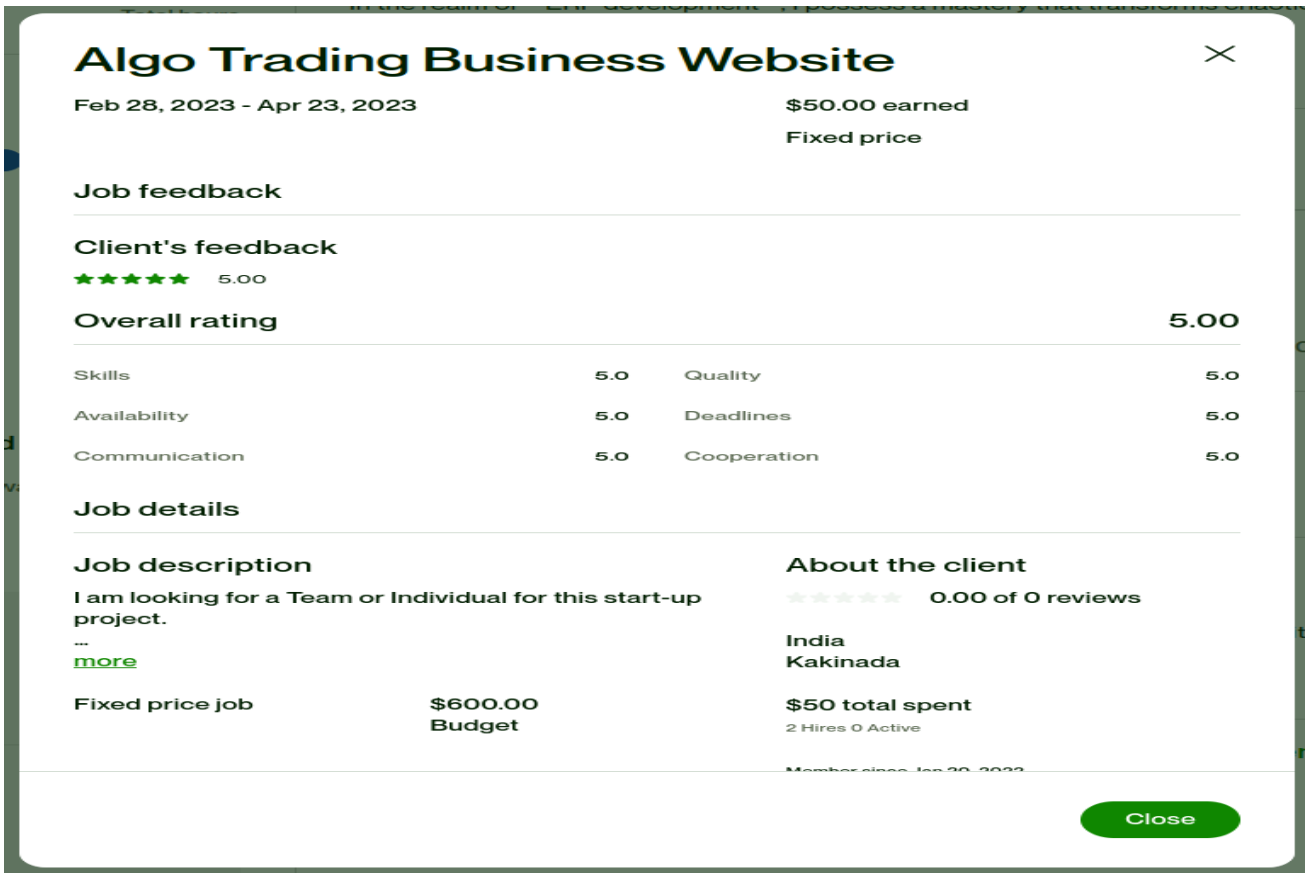
Setup FastAPI in odoo15 and make CRUD api sample with token based authentication

★★★★★ 5.00 | Jan 22, 2023 - Jan 28, 2023

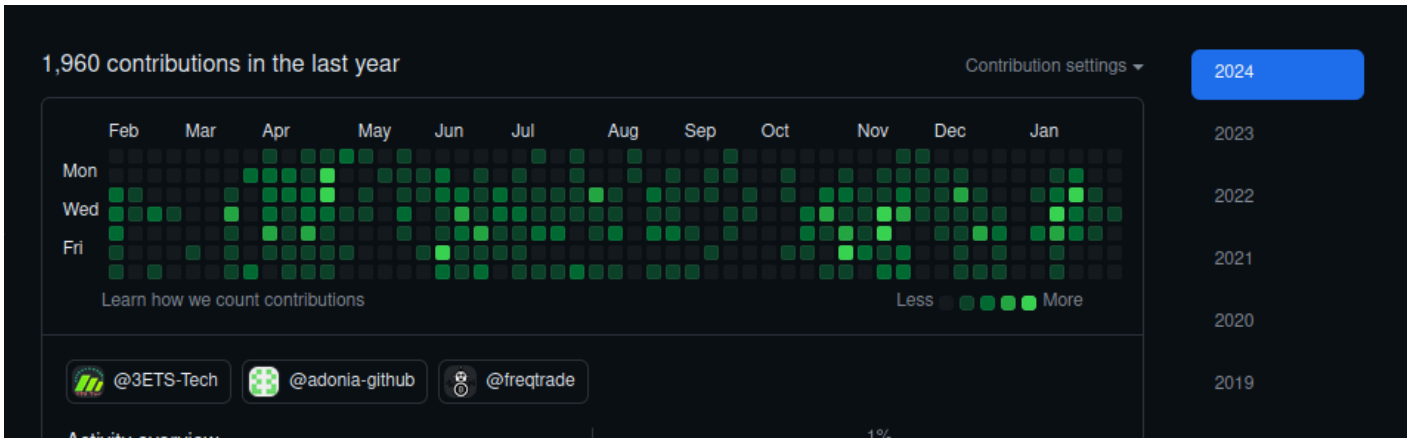
"I am amazed with his skill and cooperation. I will definitely work with him again."

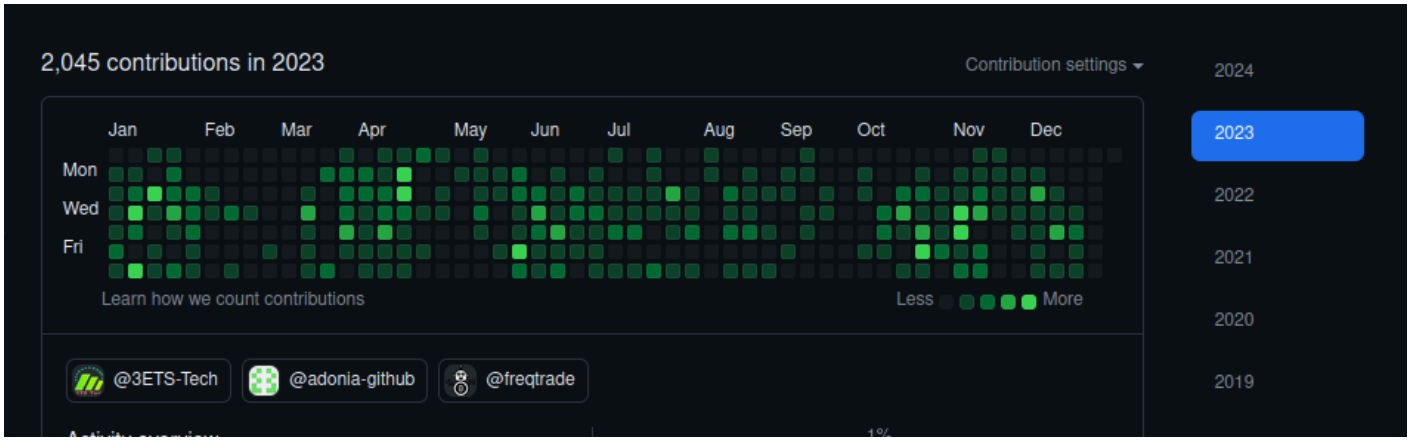
$20.00 Fixed price

Mr. Rahul Kuad Jain



GITHUB CONTRIBUTIONS




2,045 contributions in 2023
Contribution settings
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Mon
Wed
Fri
Learn how we count contributions
Less More
@3ETS-Tech
@adonia-github
@freqtrade
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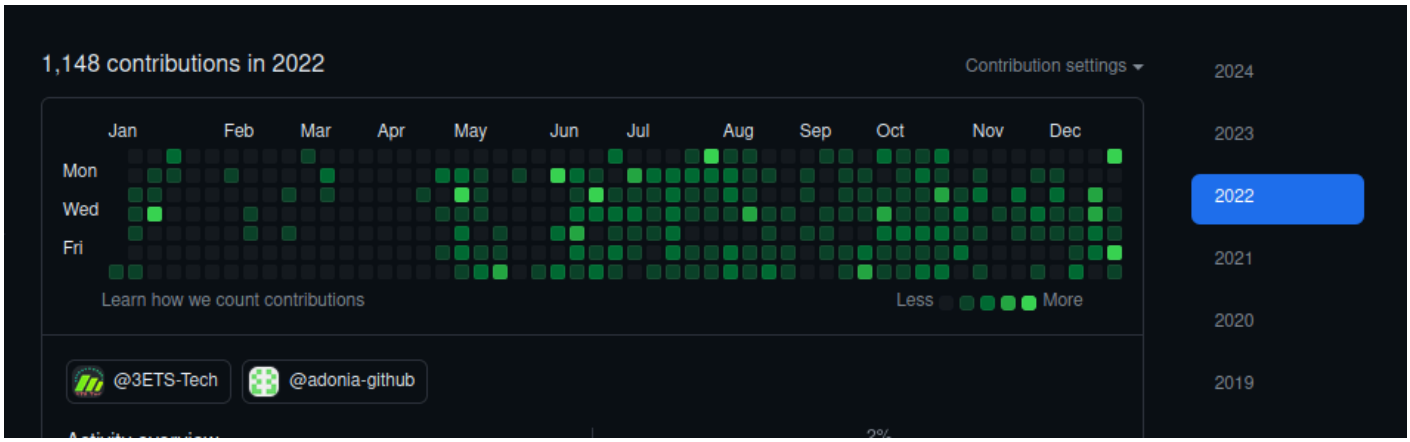
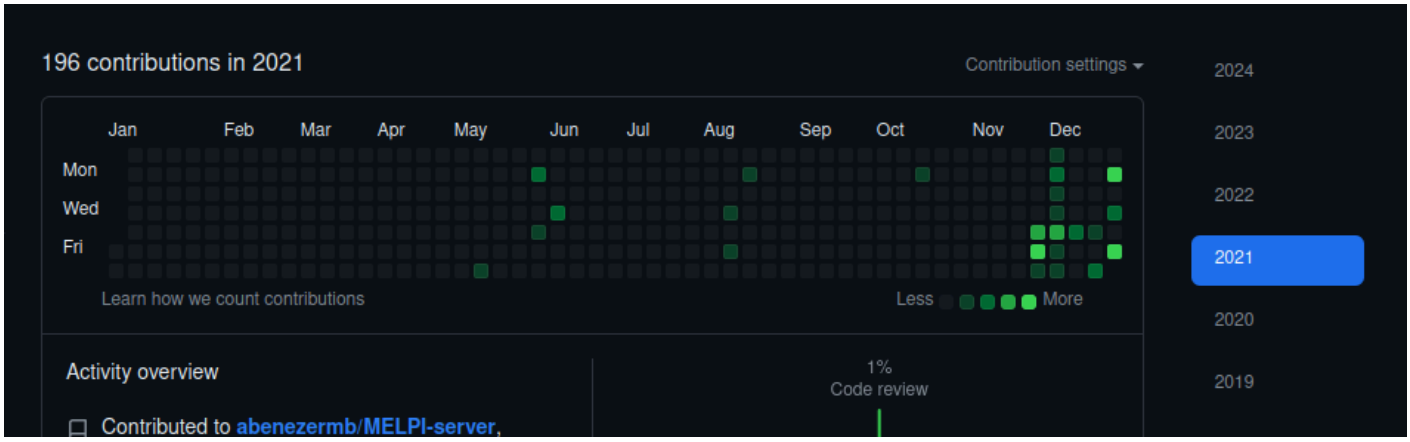
2023
2022
2021
2020
2019


1,148 contributions in 2022
Contribution settings
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Mon
Wed
Fri
Learn how we count contributions
Less More
@3ETS-Tech
@adonia-github
2024
2023
2022
2021
2020
2019


196 contributions in 2021
Contribution settings
Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec
Mon
Wed
Fri
Learn how we count contributions
Less More
Activity overview
1%
Code review
Contributed to abenezermb/MELPI-server,
2024
2023
2022
2021
2020
2019