Vimla K.

Golang Developer

PROFESSIONAL CAREER

- Proven experience as a Golang and Ruby on Rails developer with 6 years in IT.
- Extensive knowledge of Git, and GitHub.
- Expert in writing RESTFUL API Driven applications using Go (GinGonic).
- Expert in designing Microservices and web sockets-based applications design and development.
- Good knowledge of relational database design (MySQL, Postgres, and MongoDB).
- Good knowledge of the implementation of RabbitMQ and Google Pub/Sub queuing mechanism with real-time applications.
- Build streaming and real-time data analytic pipelines.
- Strong knowledge of Linux system monitoring and analysis.
- Good experience in complete project life cycle (design, development, testing and implementation) of Client Server and Web applications and Web services.
- Recommends, and enforces data and technical solutions, standards, and governance for the program/project and other technical measures.
- Experienced at Creating effective Test data and development thorough Unit test cases to ensure successful execution of the data & used a pager for notifying the alerts after successful completion.
- Resourceful, creative problem-solver with proven aptitude to analyze and translate complex customer requirements and business problems and design/implement innovative custom solutions.
- Recommends, and enforces data and technical solutions, standards, and governance for the program/project and other technical measures.
- Exceptional problem-solving and sound decision-making capabilities, recognized by associates for quality of Code, alternative solutions, and confident, accurate, decision-making.

TECHNICAL SKILLS

- **Tracking Tools:** Jira, Trello, ClickUp
- **Programming Languages:** Go, Ruby
- **Code Repository**: Git, Bitbucket, GitLab
- **Databases:** MySQL, Postgres, MongoDB, and Redis
- **Operating System:** Linux (Ubuntu)
- **Authorization Protocols:** OpenID Connect (JWT) and auth2.

PROFESSIONAL EXPERIENCE

Time Tracking Solution

Role: Golang Developer

Responsibilities:

- Design, develop, and optimize high-efficiency API servers using Golang to handle large-scale data processing.
- Implement and maintain solutions for big data processing, ensuring performance and scalability in handling large datasets.
- Work with PostgreSQL to create, manage, and optimize databases, ensuring efficient data storage and retrieval.
- Collaborate with frontend developers using Vue.js to ensure seamless integration between backend APIs and the frontend components.
- Continuously improve the performance and maintainability of the existing codebase, refactoring where necessary to meet project needs.
- Write unit and integration tests to ensure the quality and reliability of code, and debug issues that arise in the development or production environment.
- Create and maintain comprehensive documentation for the API servers, database architecture, and data processing logic.
- Actively worked with Git for version control and source code management, ensuring seamless integration and deployment across the development lifecycle.

Integrate Automation Task

Role: Go Developer

Responsibilities:

● Architect, develop, and refine high-performance API servers using Golang to support efficient data processing and integration.
● Design and implement scalable solutions for processing large datasets, ensuring optimal performance and reliability throughout the data lifecycle.
● Utilize PostgreSQL to create and maintain robust database schemas, optimizing data retrieval and manipulation to meet application needs.
● Work collaboratively with frontend developers using Vue.js to ensure seamless interaction between the backend APIs and the user interface.
● Analyze and enhance existing code for better performance and maintainability, applying best practices and design patterns as necessary.

● Develop comprehensive testing strategies, including unit and integration tests, to validate functionality and ensure code quality.
● Engage with cross-functional teams, participating in design discussions and project planning to align development efforts with business objectives.
● Produce clear and detailed documentation for API specifications, database designs, and development processes to support ongoing maintenance and future enhancements.
● Employ GitLab for effective version control, facilitating collaborative development through code reviews, branching, and issue tracking.

rDuty

Role: Software Developer

Responsibilities:

- Collaborate with the development team to design and implement features for the rDuty platform, ensuring a user-friendly experience for businesses seeking tariff code and duty insights.
- Utilize PostgreSQL to design and maintain the database schema, optimizing data storage and retrieval for tariff codes, duties, taxes, and currency conversions.
- Develop and maintain currency conversion features, ensuring that conversion rates are updated based on current market trends and trades.
- Use jQuery and Bootstrap to enhance the user interface, making it responsive and accessible across different devices and platforms.
- Collaborate with the team using Trello for project management and task tracking, ensuring timely delivery of features and enhancements.
- Conduct thorough testing of new features and updates to ensure functionality, performance, and security, addressing any issues that arise during the development cycle.
- Implement DevOps methodologies to streamline deployment processes, ensuring the platform is consistently updated and maintained with minimal downtime.
- Create and maintain technical documentation for the platform's features, database structures, and algorithms, providing support for future development and maintenance efforts.

Umaxx TV

Role: Software Developer

Responsibilities:

- Work closely with the development team to design and implement features for the UMAXX.TV platform, ensuring a smooth and user-friendly experience across set-top boxes, smart TVs, Android devices, and iOS devices
- Develop and maintain the subscription management system, allowing users to log in, select, and customize their subscription packages based on their preferences.
- Utilize PostgreSQL to design and manage databases, ensuring efficient data storage and retrieval for user profiles, subscriptions, and communication logs.
- Implement responsive user interfaces using jQuery and Bootstrap, enhancing usability and accessibility on various devices.
- Facilitate one-touch communication features between users and service providers, integrating platforms like Hulu, Netflix, and Amazon Prime to streamline the user experience.
- Conduct thorough testing of new features and enhancements, ensuring functionality, performance, and security standards are met.
- Deploy updates and new features using Heroku, ensuring minimal downtime and continuous service availability for users.
- Create and maintain comprehensive documentation for the platform's architecture, APIs, and user guides, supporting ongoing maintenance and future development efforts.
- For the subscription payment purpose, integrated stripe Payment gateway.
- Performed Scraping to get the 5G network coverage availability based on zip code.