Renjith Samuel G S

Ranjithsamuelking@gmail.com • linkedin.com/in/Renjithsamuel • renjithsamuel.onrender.com

Full-Stack Developer

With over 1 year of experience in web development, specializing in Golang, Gin, PostgreSQL, Next.js, Typescript and Microservices. Played a key role in developing and testing an eCommerce application, with a strong emphasis on scalability, performance, and reliability.

SKILLS

- **Languages:** Golang, SQL, Typescript, Java, C/C++
- **Frameworks & Libraries:** NextJS, React Query, MUI, NodeJS, Express
- **Tools & Technologies:** PostgreSQL, Git, Redis, MongoDB
- **Architecture & Protocols:** REST API, gRPC, Microservices

WORK EXPERIENCE

Affordmed Private Ltd   1 year, 5 months
Fullstack Developer

- **Microservices Development & Optimization:** Contributed to the Order Management Service (OMS) using **Golang, gRPC,** and **PostgreSQL**, focusing on building robust APIs and facilitating seamless **microservices** communication. Supported the development of the Admin Management Service, enhancing backend functionality and streamlining operations.
- **Enhanced Performance & Reliability:** Refactored the Cart and Cache Management to improve response times and ensure maintainable code quality, leveraging **Redis** for scheduled product **notifications.**
- **Order Management System Rebuild:** Led the complete redevelopment of the **Order Management Service** (OMS), implementing complex business logic, Razorpay **payment** integration, virtual account creation, and **automated workflows** for **refunds** and invoices. Enhanced OMS with real-time stock management, product overshoot handling, and **customer support** features for dispute resolution, credit notes, and proactive user notifications.
- **Frontend Development & Integration:** Enhanced the user experience by developing **wallet**-related features, **customer ticket** pages, and integrating Digilocker and Aadhaar **verification pages**. Utilized Next.js and TypeScript to deliver secure and user-friendly interfaces.
- **Commitment to Quality & Best Practices**: Contributed to team quality by writing and reviewing unit and integration tests, maintaining **95%** test coverage adhering to high standards of code quality and performance.
- **Tech Stack:** Golang, PostgreSQL, Redis, Next.js, TypeScript, gRPC, REST API, Microservices.

EDUCATION

B.E - Computer Science and Engineering
Bannari Amman Institute of Technology

PROJECTS

Integrated Library Management   05/2024
- **Live Site:** ilm-library.app
- **Code:** github/ilm-frontend, github/ilm-backend
- **Tech Stack:** NextJS, Typescript, Go-Gin, PostgreSQL, RestAPI.
- Designed and developed a comprehensive library management application focused on cost-effectiveness, user engagement, and **automation**. Delivered a streamlined, **typing-free** experience for librarians and an intuitive, engaging interface for patrons.

E-Commerce Application   09/2023
- **Code:** github/ecommerce-app
- **Tech Stack:** NextJS, Typescript, Go-Gin, PostgreSQL, RestAPI.
- Developed a e-commerce application using a **microservices** and **event-sourcing architecture** with Golang, PostgreSQL, and gRPC for backend services. Built the frontend with Next.js, TypeScript, MUI, React Query, Formik, and Yup to deliver a responsive, scalable user experience.

Task Management Application   05/2023
- **Live Site:** task-reporter.app
- **Code:** github/task-reporter
- **Tech Stack:** ReactJS, NodeJS, ExpressJS, MongoDB.
- Developed a task management app emphasizing **organization**, **insights**, and **team collaboration**. Implemented features for task categorization, detailed reporting, user collaboration, and an integrated **chat system** for seamless communication.

Sudoku online game   01/2023
- **Live Site:** sudokio.app
- **Code:** github/sudokio
- **Tech Stack:** ReactJS, NodeJS, ExpressJS, MongoDB.
- Built Sudokio, a web-based **Sudoku game** enabling gameplay, **online competitive** modes, and score tracking through an integrated **leaderboard**. Integrated Google Sign-In for seamless access and developed various interactive features for an engaging user experience.

ACHIEVEMENTS

Finalist - Smart India Hackathon   09/2022
Contributed to building an innovative solution on student management, representing the college as one of the top finalists.