Bala Suresh

Software Developer

✉ kbsbala61@gmail.com   📞 6369544934   📍 Tamilnadu,India

Summary

Enthusiastic Software Developer with over 2+ year of experience as a Backend Developer, specializing in developing and maintaining applications using Node.js. I am eager to leverage my technical skills in a challenging role within a forward-thinking organization, where I can contribute to impactful projects and further enhance my expertise for mutual growth and success.

Technical Skills

- **Web Technologies**: JavaScript, Node.js, Express, Nest.js, Nx.
- **Project Management Tools**: GIT, GITHUB.
- **Cloud Technology**: AWS
- **Database**: MySQL.
- **Editors/ IDE Tool** : Visual Studio Code.

Professional Experience

Althi Solutions Backend Developer   June 2023 – Dec 2024 | Tamilnadu , India

Project Name: Digital AV File Scan.

Description: As a safeguard for industries against virus-infected files, I am responsible for scanning and detecting viruses in user uploads, ensuring a safe and secure environment. My role is critical in maintaining system integrity and protecting against malware threats, providing peace of mind for users, and contributing to the overall security of digital content management.

Roles and Responsibilities:
- Ensured the robustness of the platform by maintaining and optimizing code.
- Proactively monitored system performance and diagnosed code-related issues.
- Performed comprehensive root cause analysis to identify and fix problems efficiently.
- Designed and implemented new functionalities based on client needs and feedback.

Tools & Technologies used:
Node js, Express, MySQL, Javascript, Crypto, GCP.

Project Name: Safety Security Platform(ssp).

Description: I am engaged in developing SSP, a robust system that efficiently allocates phone numbers to car dashboards in emergencies or upon requests for assistance. Leveraging AWS services, the system ensures rapid and reliable number allocation within 2 seconds, enhancing safety and response effectiveness.

Role And Responsibilities:

- Collaborate withteam members to establish problem specifications and design system architecture.
- Deliver tasks efficiently in a high-speed, agile environment to meet tight deadlines.
- Work with cross-functional teams to develop and implement best practices for development workflows.
- Foster a culture of quality and continuous improvement by refining methodologies used by over 15 developers.
- Utilize AWS services to ensure rapid and reliable phone number allocation in emergency situations.

Tools & Technologies used:

Node JS, AWS API Gateway, Lambda, SQS, Redis, CloudFormation, CloudWatch, Bedrock(Agent, Knowledgebases).

Global Software Solutions Junior Software Developer   Jan 2025 – present | Tamilnadu , India

Project Name: National Payment Security System(NPSS).

Description: National Payment Security System (NPSS) – Banking & Digital Payments Application, UAE.
NPSS is a real-time digital payment and settlement system implemented in the United Arab Emirates, similar to Google Pay in India. It enables secure fund transfers, merchant payments and peer-to-peer transactions through a unified platform. The system is designed to ensure high availability, transaction security, and compliance with banking standards.

Roles And Responsibilities:

- Worked on adding new features to the National Payment Security System (NPSS).
- Fixed issues in production and helped prevent future problems.
- Coordinated with team members to understand needs and deliver solutions on time.
- Improved code quality and system performance to keep payments safe and reliable.

Tools & Technologies used:

Nestjs, NX MonoRepo, Kafka, Redis, Postgres sql, Docker, Kong Plugin

Education

Bachelor Of Engineering (Computer Science and Engineering)
Annai Vailankanni College of Engineering Percentage/CGPA - 7.83
Year Of Passing - 2023

Higher Secondary Certificate (HSC)
Govt.Hr.Sec.School.   Percentage   -
58.88% Year Of Passing - 2019

Secondary School Certificate (SSC)
The S.A.Hr.Sec.School.
Percentage - 84.2%
Year Of Passing - 2017

Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

(Bala Suresh)