SAI KUMAR ENAGANDULA

B A C K E N D   D E V E L O P E R

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LinkedIn Profile

PROFILE

Experienced Backend Developer with over 1.5 years of expertise in designing, implementing, and maintaining high-performance, scalable applications. Strong background in building and integrating systems with a focus on efficient architecture and robust application performance. Skilled in system integration, ensuring seamless communication between different components and services. Adept at working in Agile environments and collaborating with cross-functional teams to deliver innovative and high-quality software solutions, with experience utilizing cloud services to enhance performance and scalability.

SKILLS

- **Programming Languages:** Java, Golang, Python, JavaScript
- **Frameworks/Libraries**: bee go**,** Spring Boot.
- **API Development:** Microservices, RESTful APIs, gRPC.
- **Web Technologies**: HTML, CSS, TailwindCSS.
- **Database and Servers:** SQL, MySQL, MongoDB.
- **Tools/Platforms:** Git, GitHub, JIRA, Postman, Eclipse, Visual Studio Code
- **Cloud Technologies:** Amazon web services (AWS), Microsoft Azure, Google Cloud.
- **DevOps skills:** Docker, Kubernetes, CI/CD

WORK EXPERIENCE

Backend Developer | Associate Software Engineer   Apr 2023 – Aug 2024

BRR Software Systems PVT. LTD.

- Led the design and development of enterprise-level Web applications using Spring Boot, Golang resulting in a 20% improvement in application performance and scalability.
- Created and maintained RESTful APIs to facilitate seamless integration between backend services and frontend interfaces, enhancing data exchange efficiency.
- Applied object-oriented programming concepts and design patterns, S.O.L.I.D principles to enhance application architecture and maintainability. Collaborated with cross-functional teams in Agile environments, participating in sprint planning, daily stand-ups, and retrospectives to deliver features on schedule.
- Conducted and participated in code reviews and implemented suggested improvements, resulting in a 10% reduction in application bugs and enhanced code quality.
- Utilized JIRA for bug tracking and project management, and Postman for testing REST-based services.

Key Projects: -

AI-Driven Deployment Automation

- Part of a team focused on automating deployment processes using AI technologies.
- Developed a system that processes user input (voice/text) to generate YAML configurations, which are validated and stored in a Git repository.
- Implemented backend services using gRPC and Protocol Buff to orchestrate workflows and activities, ensuring efficient deployment.
- Collaborated with cross-functional teams to streamline the integration and deployment of complex workflows, improving operational efficiency.

Healthcare Management System

- Part of a team of 5, worked on a system using Java, J2EE, Spring Boot, Hibernate, MySQL, Maven and Rest API.
- Enhanced patient data management and optimized workflows, leading to a 15% improvement in operational efficiency.
- Designed a dual-interface system enabling doctors to manage their availability and clients to book appointments seamlessly.
- Implemented API endpoints for user data, appointments, and consultant availability, ensuring robust backend services.
- Managed schema design, focusing on user data, appointments, and availability.

EDUCATION

Bachelor Of Technology   **2016-2020**

- Guru Nanak Institute of Technical Campus (CGPA: 6.42)