SAI KUMAR ENAGANDULA

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

+91 7337569784

[saikumarenagandula1999@gmail.com](mailto:saikumarenagandula1999@gmail.com)

[LinkedIn Profile](https://www.linkedin.com/in/saikumar-enagandula/)

# 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)