Sai Durga Prasad Gundarapu

LinkedIn : sai-durga-prasad-gundarapu

Email : saidurgaprasadg9@gmail.com
Mobile : +91 xxxxxxxx

SUMMARY

Experienced software engineer with 3+ years of specialized in backend-heavy full-stack development. Proficient in designing, developing, and optimizing robust software solutions to meet project requirements and performance goals.

EDUCATION

Rajiv Gandhi University of Knowledge Technologies (AP-IIIT) — Nuzvid, AP, India
Bachelors in Electronics and Communication Engineering; CGPA 8.4/10 — Jun 2017 - Aug 2021

SKILLS

Languages/Frameworks: Java , Spring Boot , Hibernate , Python , HTML , CSS , JavaScript , Angular

Software Engineering: J2EE , REST APIs , Design Patterns , Micro Services , Data Structures and Algorithms , Unit Testing , GIT , AWS , Test Driven Development , Agile Methodologies

Tools and Technologies: MySQL , MyBatis , JUnit , MongoDB , Postgresql , Redis , Kafka , Jenkins , Postman , Gradle , Splunk , Docker , Kubernates , Helm Charts , OpenCV

EXPERIENCE

ADP — Hyderabad, India (Hybrid)
Member Technical · ADP DataCloud — Dec 2021 - Present

- **Projects:** ADP Analytics Assist(GenAI), MyADP-Analytics Integration as MFE, Policy Engine, Auto Onboarding
- Design and develop microservices using Java and Spring Boot, ensuring high scalability and performance.
- Collaborated with frontend developers and Product Managers to deploy RESTful APIs, ensuring smooth communication.
- Enhanced Client Billing Experience by optimising algorithm to boost efficiency and reduce API load.
- Implemented caching strategies and utilised asynchronous or parallel processing to enhance application performance.
- Integrated third-party APIs and services for additional functionalities, such as Recommender Systems and OpenAI/LLM.
- Engineered a seamless integration solution by centralizing all DataCloud APIs to route through MyADP, ensuring compliance with stringent internal security standards.
- Investigated and resolved complex technical issues, utilising debugging tools and techniques to identify root causes and implement effective solutions.
- Utilized Docker, Kubernetes and Helm Charts for containerization, orchestration and configuration management of microservices and automated the deployment process with CI/CD pipelines.
- Participated in code reviews and written Unit Test cases to ensure code quality and maintainability.

Mindtree — Hyderabad, India (Remote)
Software Engineer Trainee · SDET Java — Aug 2021 - Dec 2021

- Got trained on Java Selenium Framework. Learnt core concepts of Java, MySQL, GIT, MongoDB.
- Developed basic Web Application and written and executed test suite for it.

IIIT Hyderabad — Hyderabad, India (Remote)
Summer Internship · NLP — May 2021 - July 2021

- Led Headline Generation project for Telugu news articles utilizing Natural Language Processing techniques.
- Played a pivotal role in the creation of training data for Telugu news articles, enhancing the dataset's quality by crafting comprehensive summaries.

PROJECTS

User Login Verification Using Face Recognition: Engineered a robust User Interface incorporating essential user authentication elements such as UserID and Password, further fortified with facial recognition capabilities utilizing OpenCV.

Battery Monitoring System using IOT: Conducted comprehensive analysis on Electric Vehicle battery performance, meticulously monitoring vital metrics such as voltage and current. Implemented an efficient data integration system that utilized NodeMCU and Arduino to transmit real-time battery data to Google Sheets via REST APIs.