Sri Sai Sangeetha Jannapureddy

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SUMMARY

Innovative Software Developer with 3+ years of experience in building scalable applications using Java, React.js, Node.js, Python, Golang, Spring Boot, ASP.Net, AWS, and Microservices. Skilled in improving system performance and data integrity, boosting client visibility by 30% while reducing costs. Seeking opportunities to continue driving performance enhancements and scalable solutions.

EXPERIENCE

Software Engineer
SystechCorp-Client (Blue Cross Blue Shield Association)   **October 2025 - Present，NJ, USA**
- Automated delivery with **Docker, Kubernetes, Jenkins** (99.9% uptime; release cycles 45%), plus **React** dashboards and **Python (Pandas/NumPy/Matplotlib)** validation/reporting to reduce manual effort 60% and improve client visibility by **30%.**
- Built secure **Java/Spring Boot** microservices and data pipelines on **AWS (RDS/S3)** with **Kafka + IBM MQ**, **Spring Security + JWT** and increased duplicate-detection, boosting scalability by **40%,** API performance to **35%,** and overall performance by **70%**.

Software Intern
Saven Technologies Inc.   **June 2023 - July 2023，South Plainfield, NJ, USA**
- Built an NLP/ML resume-parsing stack in **Python and Scala** (tokenization, section classification, NER) with LangChain and Gemini for semantic summarization, improving hire-likelihood **prediction accuracy 15% with F1 = 0.92.**
- Built an end-to-end ingestion/metadata platform **(Node/Express, Redis streams, React)** on **sharded/replicated MongoDB**, containerized with Docker/Jenkins for reliable, low-latency scale.
- Contributed to the development of **Kafka streaming pipelines,** introduced JUnit test automation through Python scripts, enforced static analysis gates, and implemented **Docker/Jenkins CI/CD,** which resulted in a 35% reduction in release cycles and a **22%** decrease in post-release defects.

Associate Engineer
Harman Connected Services   **October 2022 - July 2022，Bangalore, India**
- Designed and implemented RESTful APIs for real-time data ingestion, retrieval, supporting over 1M messages/day with <100ms latency.
- Delivered high-performance backends in **Java/Spring Boot, Golang, Python with Kafka, PostgreSQL/MongoDB, and REST** sustaining **1M+ msgs/day** in microservices like device messaging (MQTT/REST) enabling seamless integration with automotive infotainment platforms.
- Implemented logging, monitoring, and performance metrics with **Grafana & Prometheus,** improving system observability by **30%.**
- Deployed applications on **AWS using Lambda, S3, RDS, and CloudFront**, ensuring 99.9% uptime and leveraging AWS CloudWatch for performance monitoring to proactively resolve bottlenecks, improving **reliability by 25%.**
- Streamlined deployment processes with CI/CD pipelines in **Bitbucket, Docker, Helm, and Kubernetes,** reducing deployment time by **40%.**

System Engineering Intern
Infosys Limited   **February 2020 - April 2020，Mysore, India**
- Built an enterprise web app using MERN (MongoDB, Enterprise.js, React.js, Node.js) and tuned JDBC for low-latency CRUD & automated workflows.
- Applied **Singleton/Factory/DAO patterns** on systems and added JUnit tests and Log4j for testing systems logged by **50 plus active users** per second.
- Implemented an **Express.js middleware layer** as a lightweight API gateway (JWT auth, jQuery, schema) and deployed the application on WebSphere, collaborating via Git/GitHub and Postman, with exposure to **Node.js** and **React.js** for full-stack JavaScript development.

EDUCATION

Masters in Computer Science
Illinois Institute of Technology • Chicago, IL • Aug 2022 - May 2024 • 3.6/4.0
- Relevant Coursework: Database Organization, System Design Tests, Web Development, Social Networking Technologies, Machine learning, SQL.

Bachelors in Computer Science
Visvesvaraya Technological University • Aug 2016 – Aug 2020 • 8.2/10.0
- Relevant Coursework: Data Structures, Algorithms, Web Programming, Machine Learning, NLP.

CERTIFICATIONS

Microsoft Azure Certified AZ-900	**AWS Certified Developer – Associate (DVA)**
AWS Certified Cloud Practitioner	**NPTEL Cloud Certification- IIT Kharagpur**

SKILLS

Languages and Frameworks: Python, ASP .Net, Java, React.js, Node.js, Express, C, C#, HTML5/CSS, Spring Boot, Golang, Django

Databases and Monitoring: SQL, MongoDB, DB2, SQL Server, Elasticsearch, PostgreSQL, Grafana, Prometheus, Unit/Integration Tests

AI and Machine Learning: TensorFlow, LangChain, LlamaIndex, PyTorch, RAG, OCR, Claude AI, Gemini AI, Hugging Face Models

Software and Cloud Platforms: JIRA, Confluence, Kafka, Agile, Docker, Kubernetes, Microsoft Azure, AWS Cloud Platform

Soft Skills: Leadership, technical writing, communication, adaptability, problem solving, time-management, stakeholder management