Praneeth Reddy Nagilla

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SUMMARY

Aspiring Full Stack Engineer with 3+ years of experience in Java, Spring Boot, React, Angular, Node.js and Python. Graduated with a master's degree in computer science from the University of Central Missouri. Currently working as a Full Stack Developer at Centene, with prior experience at Wells Fargo and T-Mobile, focusing on healthcare claim intake, eligibility validation, financial reconciliation workflows, and secure fund transfer systems, while demonstrating excellence in both backend and frontend development. Expertise in data structures, algorithms, system design, AI/ML workflows and database management systems, with proven ability to deliver scalable, high-quality software solutions in dynamic environments.

TECHNICAL SKILLS

- **Languages**: Java, Python, JavaScript, TypeScript, SQL
- **Frameworks**: Spring framework, Spring Boot, Spring Data JPA, Hibernate, JDBC, Servlets, JSP, React, Angular, Node.js, Express.js
- **Databases/Operating Systems:** MySQL, MongoDB, PostgreSQL, Windows, Linux/Unix.
- **Software Tools/Cloud**: Git, Docker, Kubernetes, System Design, Jenkins, CI/CD, Kafka, GCP, AWS, Azure.
- **AI / ML & GenAI:** TensorFlow, PyTorch, Scikit-learn, Keras, Kubeflow, LangChain, Hugging Face Transformers, OpenAI API, AWS SageMaker, Azure ML, Google Vertex AI, Generative AI (LLMs, RAG workflows)
- **Computer Science Fundamentals**: Data Structures & Algorithms, Elastic Search, Concurrency, Distributed Systems, Networking.

WORK EXPERIENCE

Centene Corporation - Full Stack Developer | Missouri, USA   January 2025-Present
- Developed React and Angular portals for healthcare claim intake and eligibility validation.
- Built backend microservices using Java Spring Boot with Spring Data JPA for secure and efficient claims processing.
- Ensured seamless frontend-backend integration in microservices architecture, optimizing response time by 30%.
- Documented and tested REST APIs with Swagger UI, cutting onboarding time for developers by 50%.
- Implemented Spring Batch jobs and integrated CSRF with JWT authentication to improve automation and security.
- Developed Python-based workflows for claim enrichment and risk scoring, integrating ML-driven analytics into healthcare processing pipelines.

Wells Fargo - Software Engineer | Pune, India   August 2021-July 2023
- Ensured seamless frontend-backend integration in a microservices architecture, optimizing response time by 30%.
- Leveraged Spring Data JPA with Hibernate to interact with Oracle DB, improving query performance by 40%.
- Utilized Kafka for message publishing and consumption within a microservices architecture, enabling inter-service communication.
- Automated payroll and reconciliation workflows using Spring Batch jobs, reducing manual intervention and improving reliability.
- Containerized applications using Docker and Kubernetes, reducing deployment time by 60% and supporting CI/CD with Jenkins.
- Enhanced monitoring with Grafana and AWS CloudWatch, reducing issue resolution time by 25%.

T- Mobile – Software Engineer | Hyderabad, India   December 2020-July 2021
- Built React and Angular dashboards for operations teams to monitor and approve fund transfer transactions.
- Developed Spring Boot APIs for payment initiation, settlement, and reconciliation workflows.
- Automated reconciliation tasks using Cron jobs on GCP Cloud Functions, reducing manual effort by 80%.
- Strengthened authentication and authorization with JWT-based security and role-based access control.

ECIL – Junior Engineer | Hyderabad, India   May 2017-November 2017
- Worked on Appworks, an enterprise content management platform in a Hub-supplier SCM model, enabling intelligent document workflows through Business Process Management (BPM).
- Worked closely on developing and maintaining REST APIs and executed bug fixes and code enhancements to improve system efficiency and reliability.
- Designed SQL schemas and optimized queries to support secure and fast data access.
- Developed lightweight REST services using Node.js and Express.js to integrate with enterprise systems and enable data exchange.

EDUCATION

- University of Central Missouri — master's in computer science, GPA: 3.7/4.0   Aug 2023 – Dec 2024

CERTIFICATIONS

- AWS Certified Developer – Associate
- Microsoft Certified: Azure Developer Associate