NAVEEN KUMAR MATURI

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PROFESSIONAL SUMMARY:

- **Performance-focused Full Stack Developer** with over **5 years** of experience in enterprise application development, microservices, and scalable cloud-native applications.
- Specialized in backend engineering with strong expertise in **Java, Spring Boot, Spring MVC**, Spring Security, Spring Data JPA, Spring AOP, and event-driven architecture using **Apache Kafka**.
- Experienced in developing dynamic and responsive front-end applications using **ReactJS** and integrating **RESTful APIs** for real-time user experiences.
- Skilled in managing relational and **NoSQL** databases including Oracle, PostgreSQL, MongoDB, MySQL, and Couchbase.
- Hands-on experience with cloud platforms including **Microsoft Azure** and **AWS**, working with the UAIS platform to build AI-enabled solutions, integrate LLMs and **AI agents**, and manage services such as **Azure Databricks** and **Azure Machine Learning**.
- Proficient in monitoring and performance optimization using Prometheus and Grafana.
- Strong experience in Test-Driven Development using JUnit, Mockito, achieving 90% code coverage and reducing production bugs.
- Well-versed in Agile methodologies, test automation (JUnit, Postman, Selenium), and version control systems such as **Git** and **Bitbucket,** and known for clean code practices, system design using SOLID principles, and a collaborative mindset, mentoring peers, leading code reviews, and driving high-quality software delivery.

TECHNICAL SKILLS:

Programming Languages: Java, JavaScript, XML, JSON

Web Technologies: HTML5, CSS3, ReactJS, RESTful APIs

Databases: Oracle DB, MySQL, SQL Server, MongoDB, Couchbase, Redis (Relational & NoSQL)

Frameworks & Libraries: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Spring AOP, Hibernate, Kafka Streams

Cloud & DevOps Tools: Azure, AWS (EC2, S3, Lambda, API Gateway), Kubernetes, Docker, Jenkins, OpenShift, CI/CD Pipelines, Maven

AI & Data Platforms: Azure Databricks, Azure Machine Learning, LLM Integrations, AI Agents

Engineering & Development Tools: Grafana, Prometheus, Nexus, JUnit, Mockito, Postman, Insomnia, Swagger, Git, Bitbucket, Jira

Software Engineering Expertise: Object-Oriented Design, System Design, SOLID Principles, Design Patterns, Data Structures, Algorithms, Microservices Architecture, Event-Driven Systems

Development Tools & Environments: Unix, Linux, IntelliJ, Eclipse, Visual Studio, Microsoft Office

PROFESSIONAL EXPERIENCE:

Full Stack Developer

Infosys | Client: Optum   **July 2025 – Present**

- Supporting and enhancing enterprise-scale Spring Boot microservices (PM API, ACP, ARP) by delivering code improvements, defect remediation, and production support, ensuring system stability, scalability, and performance.
- Leveraging the UAIS platform (United AI Studio) to architect and manage Azure-based AI and data platforms, including subscriptions, resource groups, Databricks, Azure Machine Learning, and LLM-powered AI agents, enabling intelligent automation and AI-driven enterprise workflows.
- Designing and maintaining RESTful APIs using Java and Spring Boot, with comprehensive unit testing using JUnit to improve code quality and reduce regression issues.
- Validating and testing APIs using Insomnia to ensure accurate request/response flows and reliable service integrations.
- Implementing CI/CD pipelines using GitHub Actions and managing Infrastructure as Code (Terraform) to automate builds, deployments, and scalable cloud infrastructure on Microsoft Azure.

Software Developer - Intern

Client: Wells Fargo   **Feb 2025 – June 2025**

- Developed a React-based front end integrated with just-in-time Spring Boot microservices, enabling real-time letter generation and improving overall workflow efficiency.
- Containerized applications using Docker and deployed on TKGI, ensuring scalability and high availability for the 2CNS system.
- Utilized Apache Kafka for real-time data streaming and asynchronous communication, modernizing the PMTCNF2/PMTCNF1 process and reducing latency in letter delivery.
- Integrated JPA with Oracle and MongoDB, automated CI/CD pipelines using Jenkins, and ensured code quality through JUnit, JMock, while collaborating with cross-functional teams to migrate from batch-based to event-driven architecture.

Software Developer

Amdocs | Client: TRUE   **Dec 2021 – July 2023**

- Led a 6-month on-site project in Bangkok, successfully resolving 50+ UAT and production defects by collaborating with cross-functional Agile teams to ensure seamless deployment and system stability.
- Modernized legacy catalog systems by migrating them to Spring Boot-based microservices with RESTful APIs, integrating Kafka for asynchronous processing, provisioning AWS services (EC2, S3, IAM) within a Kubernetes cluster for secure, scalable deployments.
- Automated CI/CD pipelines using Jenkins and Docker, accelerating release cycles and improving deployment reliability, and enhanced Couchbase NoSQL query performance by designing a custom Excel-based automation framework.
- Executed end-to-end testing with Postman and Conductor, utilizing Kafka for messaging and the Grafana stack for real-time observability, implemented secure Single Sign-On (SSO) authentication using JSON Web Tokens (JWT).
- Designed an automated workflow to process and update Couchbase records directly from Excel files, reducing manual operational effort by 80% and significantly improving user efficiency.

Software Developer

Amdocs | Client: XL-Com   **Apr 2021 – Dec 2021**

- Developed and deployed a Spring Boot utility with RESTful APIs for high-speed JSON-to-XML conversion, achieving a 70% performance improvement and enhancing Oracle storage efficiency.
- Migrated MEC systems from XML to JSON in Couchbase, improving data retrieval speed, optimizing system performance, and streamlining backend processing.
- Built and automated a Kafka-triggered data validation framework using Kafka Streams, enabling real-time event-driven processing, faster debugging, secure API integrations, and accurate system notifications.
- Automated Unix-based workflows and implemented CI/CD pipelines using Jenkins, significantly reducing manual effort, improving deployment reliability, and mentoring junior developers through code reviews and technical guidance.

System Analyst

Amdocs | Client: Globe   **Jan 2020 – Apr 2021**

- Collaborated with cross-functional teams during Agile sprints to validate client data, resolve inconsistencies, and track sprint progress using Jira, ensuring timely and high-quality deliveries.
- Designed and developed scalable catalog microservices using the Spring Framework and RESTful APIs, applying multithreading to optimize performance and significantly reduce system downtime.
- Implemented CI/CD pipelines using Jenkins and OpenShift to automate deployments, reduce release cycles, and maintain environment consistency.
- Built comprehensive unit tests using JUnit and Mockito, upgraded MS360 versions across microservices, documented APIs with Swagger, and managed build artifacts in Nexus for traceable and efficient release management.

CERTIFICATIONS:

- **Google Cloud** Computing Foundations Certificate
- **Oracle Cloud** Infrastructure 2024 Generative AI Certified Professional
- **GitHub** Actions

EDUCATION:

Missouri University of Science & Technology, Master's in Information Science | Rolla, Missouri (3.7/4.0)   **Aug 2023 – Dec 2024**
Gayatri Vidya Parishad College of Engineering, Bachelor's in Computer Science | India   **Jun 2015 – Apr 2019**