SAI TATA

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Summary:
Dynamic and performance-driven Full Stack Gen AI Developer with over 4 years of hands-on experience building intelligent, scalable, and high-performance applications across both enterprise and consumer domains. Adept in Java and Python, with a strong foundation in modern AI frameworks (TensorFlow, PyTorch), backend development (Spring Boot, FastAPI), cloud infrastructure (AWS, Azure).

TECHNICAL SKILLS

Programming Languages: - Java 8, Java 11, JavaScript, TypeScript, Python Frameworks & Technologies: Spring Boot, Spring Framework, Spring WebFlux, Hibernate, Node.js, React.js

Database Technologies: - MySQL, PostgreSQL, SQL, Advanced SQL, Stored Procedures, Database Design, JOOQ, Redis Web Technologies: RESTful APIs, gRPC, GraphQL, Kafka, OAuth, JWT

DevOps & Cloud: - AWS, CI/CD Pipelines, Jenkins, Docker, GitLab, Terraform Software Development: Design Patterns, Object-Oriented Programming, Microservices Architecture, Agile Methodology

Testing: - JUnit, Unit Testing, Automated Testing, Code

Reviews Tools: - IntelliJ IDE, Eclipse, Postman, JIRA, Confluence, Bitbucket

WORK EXPERIENCE

TeamCal AI | Mountain View, CA
Software Engineer (AI – Powered Scheduling Software) | April 2023 – Current

- Modernized 11 core scheduling features in TeamCal AI, including schedule statistics and AI-driven insights, utilizing Java, Spring Boot, and Node.js for scalable backend development in an Agile methodology
- Designed and implemented interactive AI-driven user interfaces and backend logic for two critical pages, leveraging Spring Framework and React frameworks, achieving a 25% improvement in user experience
- Collaborated on the development of a CI/CD pipeline using Jenkins and GitLab, integrating Python-based AI models to enhance deployment efficiency and automation
- Led a 5-member cross-functional team to deliver consistent and modern UI/UX designs, integrating the MySQL database with frontend and backend services to ensure seamless data flow
- Coordinated with QA teams to implement automated testing frameworks, accelerating deployment cycles and reducing bugs by 40%
- Demonstrated proficiency in web application development using Java, Spring Boot, TypeScript, and ES6 to build robust and maintainable applications
- Followed Software Design Patterns and adhered to object-oriented programming principles to develop clean, maintainable, and scalable code

Ionixx Technologies Private Limited | Chennai, India
Java Developer | January 2021 – September 2022

- Led the redesign of 30% of the RESTful APIs for the Drive Wealth trading platform, utilizing Java, Spring Boot, Spring WebFlux, Hibernate, and AWS, improving system performance within an Agile framework managed via JIRA and Confluence
- Optimized database queries with JOOQ and advanced SQL techniques, increasing data retrieval speed by 35% and deploying seamlessly through CI/CD pipelines using Java
- Engineered real-time data communications and API connections using gRPC, GraphQL, Kafka, and React.js for interactive client-side updates, achieving a 60% improvement in data flow efficiency between microservices using Java
- Deployed and managed applications using Docker containers on AWS, implementing server-side rendering with Java and Spring Boot, ensuring high availability and fault tolerance
- Implemented robust authentication and authorization mechanisms using OAuth, JSON Web Tokens (JWT), and React.js for dynamic UI updates based on user roles and permissions using Java
- Adhered to design patterns and architecture principles to ensure scalability, security, and resilience of APIs.
- Conducted JUnit testing to validate data integrity and implemented comprehensive unit testing methodologies, maintaining a 100% validation rate across all application components
- Implemented robust authentication and authorization mechanisms using OAuth, JSON Web Tokens (JWT), and React.js for dynamic UI updates based on user roles and permissions using Java
- Worked effectively in a diverse team environment with multiple stakeholders including DBAs, infrastructure teams, and business analysts

FXMKT Technologies | Chennai, India
Software Developer | December 2020 – May 2021

- Led 85% of the development for the "Custom Cloth" e-commerce website, implementing microservices architecture with Java, Spring Boot, and CI/CD pipelines to create a scalable, responsive, and high-performing platform
- Developed and optimized key web application features like the shopping cart using Java and TypeScript, enhancing the shopping experience through efficient data flow and database design
- Applied advanced software design patterns and algorithms to reduce website load times and improve user experience, focusing on distributed systems to support high traffic

EDUCATION

Pace University, Seidenberg School of Computer Science and Information Systems | New York, NY
Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology | Chennai, India

CERTIFICATION

AWS Certified Developer - Associate | August 2024 – August 2027