

SWETHA KARE

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PROFESSIONAL SUMMARY

An Experienced Full Stack Developer with around 4 years of expertise in Java, Spring Boot, React, and Docker. Skilled in building scalable microservices, secure RESTful APIs, and high-performance web applications. Proven ability to enhance user experience and system performance. Experienced in Agile methodologies, AWS, Azure, and Git, consistently delivering innovative and efficient solutions.

EDUCATION

George Mason University Fairfax, VA
Master of Science in Computer Science (GPA: 3.77/4) May 2024

Madras Institute of Technology Chennai, IN
Bachelor of Technology in Information Technology (GPA: 8.2/10) May 2019

WORK EXPERIENCE

Wells Fargo Jan 2024 - Present
Full stack Developer , CA

- Developed and maintained a suite of financial web applications using Java, Spring Boot, and React, improving user satisfaction scores by 25%.
- Implemented RESTful APIs in Java to facilitate seamless communication between front-end and back-end systems, reducing data retrieval time by 40%.
- Designed and optimized SQL and NoSQL databases (MySQL, MongoDB), resulting in a 30% improvement in query performance and a 20% reduction in database-related issues.
- Integrated third-party financial services APIs, enhancing system capabilities and expanding the range of services offered to customers, leading to a 15% increase in user engagement.
- Utilized Docker and Kubernetes for containerization and orchestration, ensuring consistent application deployment across development, staging, and production environments, achieving 99.9% system uptime.
- Developed CI/CD pipelines using Jenkins and GitLab CI, reducing deployment times by 50% and increasing release frequency from bi-weekly to weekly.
- Enhanced data security by implementing encryption and secure coding practices, resulting in zero security breaches and compliance with PCI-DSS standards.
- Collaborated with cross-functional teams in an agile environment, contributing to sprint planning, daily stand-ups, and retrospectives, which improved project delivery times by 20%.
- Conducted code reviews and wrote unit, integration, and end-to-end tests, achieving a 95% reduction in post-deployment bugs.
- Provided technical mentorship to junior developers, leading to a 30% improvement in team productivity and code quality.

Temenos Jul 2019- Jul 2022
Senior Software Engineer Chennai, IN

- Developed and maintained a suite of financial software applications using Java, Spring Boot, and Hibernate, improving transaction processing speed by 30%.
- Implemented RESTful APIs for seamless integration between front-end and back-end systems, reducing data retrieval time by 25%.
- Designed and optimized user interfaces using Angular, HTML5, CSS3, and JavaScript, enhancing user experience and achieving a 20% increase in customer satisfaction.
- Collaborated with cross-functional teams including product managers, designers, and QA engineers to deliver 10+ high-quality banking software releases per year.
- Ensured application security by integrating authentication and authorization mechanisms using OAuth2 and JWT, resulting in a 50% reduction in security incidents.
- Led code review sessions and mentored junior developers, contributing to a 40% improvement in code quality and maintainability.
- Conducted unit and integration testing using JUnit and Mockito, achieving 95% test coverage and reducing production bugs by 60%.
- Managed database design and optimization using PostgreSQL and MongoDB, leading to a 40% improvement in query performance and data retrieval times.

- Streamlined deployment processes by implementing CI/CD pipelines with Jenkins and Docker, reducing deployment time by 35% and increasing release frequency.
- Participated in agile development practices, including sprint planning, daily stand-ups, and retrospectives, contributing to a 15% increase in team productivity.
- Utilized cloud technologies like AWS for application deployment and scaling, achieving a 99.9% uptime for critical financial applications.
- Interfaced with clients to gather requirements and provide technical support, enhancing client relationships and increasing customer retention by 10%.

SKILLS

Web Technologies: HTML/HTML5, CSS3, CSS, XML, JavaScript, AJAX, jQuery, JSON, Bootstrap

Languages: Java, C++, Python, C, TypeScript

Methodologies: Agile/Scrum, Waterfall

Front-End Technologies: HTML, CSS, JavaScript, TypeScript, AJAX, AngularJS, NodeJS, ReactJS

J2EE Technologies: J2SE, J2EE, Servlets, JSP, JDBC, JMS, JNDI, JAX-WS, JAX-RS, JAX-B and JAX-P SAX

Backend-End Technologies: Java, C++, Express.js, C, Python

Databases: MongoDB, PostgreSQL, JDBC, MySQL, SQL Loader, SQL Server

Frameworks: React.js, Next.js, Express.js, Node.js, Django, Spring Boot

Development Tools: Visual Studio Code, IntelliJ, Notepad++, Eclipse, Spring Tool Suite, Visual Studio, Postman, SOAP UI

Cloud: AWS, Azure, GCP

OS: Windows, Mac and Linux

Version Control: Git, GitHub, GitLab

PROJECTS

GitHub Profile Finder Application

- Developed a user-friendly GitHub profile finder using react.js, react hooks, GitHub API, enhancing user experience by providing user information through robust API connections.

Student Feedback Management System with Cloud Native Deployment - Full stack development

- Designed the UI and RESTful API endpoints using Springboot, spring data JPA, enabling CRUD operations on PostgreSQL.
- Ensured scalability and reliability by deploying on Kubernetes in Amazon EC2, achieving 99.9% uptime and fault tolerance.
- Automated build and deployment using Jenkins CI/CD pipelines.

E-Commerce website for Amusement Park ticketing

- Designed an e-commerce prototype in Figma, developed a responsive web app using HTML5, CSS3, JS ES6, jQuery, and Bootstrap.
- Engineered API endpoints with Node.js/Express, integrated MongoDB for data management. Deployed on AWS EC2 instances with load balancers for reliability, scalability and handling 2+ million user traffic.