Himani N
Java Full Stack Developer

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SUMMARY

- 3+ years of experience as a Java Full Stack Developer, specializing in scalable, high-performance applications using Java, Spring Boot, React, Angular, and PostgreSQL.
- Expertise in designing and deploying robust ERP systems that automate critical business processes, enhancing operational efficiency and reducing manual intervention.
- Strong background in backend architecture, optimizing microservices with Spring Boot and Spring Security, supporting many concurrent users.
- Experienced in developing dynamic, responsive front-end interfaces with React and Angular, improving user interaction speed and reducing page load times.
- Expertise in cloud-based solutions, deploying applications on AWS and Azure to ensure scalable, fault-tolerant systems with high uptime and reduced operational costs.
- Proficient in containerization and orchestration using Docker and Kubernetes, improving deployment efficiency and enhancing system scalability.
- Strong focus on database optimization with PostgreSQL and MySQL, improving data retrieval speed and overall application performance.
- Advanced skills in unit testing, CI/CD automation, and performance monitoring, ensuring system stability, reliability, and efficient deployment processes.

SKILLS

Programming Languages:	Java, Python, C++, SQL, C#
Frameworks:	Struts, Hibernate, Spring Boot, Spring Batch, Spring Security, Spring AOP, Spring Core, Spring IOC, Angular, jQuery, Node.js, React.js, Express.js
Web Technologies:	HTML, CSS/CSS3, AJAX, jQuery, Bootstrap, XML, JSON, UI Material, SASS, Typescript, ES6, Redux, React Hooks, RESTful API
Java/J2EE Technologies:	Servlets, Spring, EJB, JPA, JTA, JDBC, JSP, JSTL, Webservices, Microservices, Spring MVC, Hibernate, ORM
Database:	Oracle SQL, MySQL, MongoDB, PostgreSQL, PL/SQL, DynamoDB
Cloud Platforms:	Amazon Web Services, Microsoft Azure
IDEs:	Visual Studio Code, Eclipse IDE, IntelliJ IDEA, Spring Tool Suite (STS)
Web/Application Servers:	Oracle WebLogic, IBM WebSphere, Apache Tomcat, JBoss
Testing Tools:	JUnit, Mockito, Selenium
Build/ Other Tools:	Maven, Gradle, ANT, Jenkins, Docker, Kubernetes, SOAP/REST API, Postman, Jira, SonarQube, Kafka, Jupyter, Terraform
Methodologies:	SDLC, Agile, Waterfall, SCRUM
Version Control:	Git, GitHub, SVN, Bitbucket
Operating System:	Windows, Linux, Mac OS

EXPERIENCE

Java Full Stack Developer | Cognizant, India   **Jan 2022 – Dec 2022**

- Engineered and deployed a robust ERP system using Java, automating critical business processes including inventory management, sales, procurement, finance, HR, and CRM, improving operational efficiency by 40% and reducing manual intervention by 50%.
- Architected and optimized backend microservices using Spring Boot and Spring Security, implementing secure authentication and authorization mechanisms, enhancing system security and performance, and supporting 10,000+ concurrent users without degradation in response time.
- Designed and fine-tuned relational databases with PostgreSQL, implementing advanced indexing, normalization, and query optimization techniques, reducing query execution time by 35% and improving data consistency.
- Developed dynamic, responsive front-end interfaces with React leveraging hooks and Redux for state management, resulting in a 30% improvement in user interaction speed and a 25% decrease in page load times across ERP modules.
- Implemented aspect-oriented programming with Spring AOP to modularize cross-cutting concerns like logging, transaction management, and security, improving code maintainability by 40% and enabling a 15% reduction in

development time for new features.

- Enhanced test coverage and ensured backend reliability using Mockito for unit testing, achieving 90% test coverage for service layer components, leading to a 20% reduction in production defects and increasing system stability.
- Containerized the entire ERP application using Docker and orchestrated deployment via Kubernetes, reducing deployment time by 70% and enabling seamless scaling, resulting in a 40% reduction in infrastructure costs during peak usage.
- Utilized AWS services for cloud hosting, architecting a highly scalable, fault-tolerant, and cost-efficient solution that dynamically scaled with traffic, resulting in a 99.99% uptime and a 30% reduction in operational costs.
- Deployed and optimized the ERP system on Apache Tomcat, fine-tuning performance through connection pooling, session management, and resource allocation, resulting in a 20% improvement in response time and a 15% decrease in server resource utilization.

Java Full Stack Developer | MSN Laboratories, India   **June 2019 – Dec 2021**

- Developed a full-stack personal finance management application using Java, serving over 2,000 active users with an intuitive interface for tracking income, expenses, and budgeting goals, resulting in a 20% increase in user engagement through improved usability and performance.
- Utilized Jira for Agile project management, managing 12 sprints with an average 95% completion rate of user stories, tracking progress, and fostering collaboration within a cross-functional team of 8 developers and 2 designers.
- Designed and developed a responsive, user-friendly front-end interface using Angular, Bootstrap, HTML5, and CSS3, ensuring cross-browser compatibility and optimal performance across 15+ device types, reducing page load times by 50%.
- Integrated multi-factor authentication (MFA) using Spring Security, improving user account security and reducing unauthorized access attempts by 85% and ensuring secure access to sensitive financial data.
- Implemented advanced data visualization of financial trends using Angular, UI Material, and Chart.js, enhancing user decision-making with 25+ customizable charts and real-time data updates, which contributed to a 30% increase in feature adoption.
- Managed backend data storage using MySQL, optimizing database queries with JPA and Spring Data. This resulted in 50% faster data retrieval and an overall 20% improvement in application performance.
- Built dynamic tax filing assistance and reporting features, enabling users to export financial summaries and reports in PDF/CSV formats, leveraging Spring MVC and JSP for generating reports. This feature reduced manual report generation time by 40% for users, improving user satisfaction.
- Implemented unit testing with JUnit, achieving 90%+ test coverage, and reducing the frequency of production bugs by 60%. Ensured robust backend services and API reliability, contributing to the app's stability.
- Automated CI/CD pipelines using Jenkins, streamlining deployment processes and achieving 95% fewer deployment failures. This ensured error-free production releases across environments and reduced deployment time by 30%.
- Deployed the application to Microsoft Azure, utilizing Azure App Services for scalable hosting and secure data storage, resulting in 99.9% uptime and ensuring high availability during peak usage times.
- Analyzed and processed financial transaction data in Jupyter Notebooks, identifying spending patterns and budget trends. This insight was integrated into the application's reporting features, improving budget accuracy by 20% and enhancing financial decision-making for users.

EDUCATION

Master of Science in Computer and Information Science - The University of Texas at Arlington, TX   **Jan 2023 – Dec 2024**
Bachelor of engineering in Information Technology - Jawaharlal Nehru Technological University, INDIA   **Jul 2018 – June 2022**