

# Sailikith Kodumuri

## Full Stack Developer

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### PROFESSIONAL SUMMARY:

- 6+ years of experience as a Java Full Stack Developer with a proven track record in designing, developing and deploying scalable and secure enterprise-level applications.
- Expertise in microservices architecture using Spring Boot, RESTful API development and event-driven systems with Apache Kafka. Skilled in integrating with third-party APIs and utilizing Node.js with Express.js for middleware services.
- Proficient in building dynamic and responsive front-end interfaces using React.js, TypeScript, Next.js and Angular, with a strong understanding of state management using Redux Toolkit and Zustand.
- Skilled in HTML, CSS, JavaScript with Strong background in Object-Oriented Programming (OOP), design principles, and implementation using Java and TypeScript.
- Experienced in server-side rendering, performance optimization and responsive UI development with Tailwind CSS.
- Adept at implementing secure authentication and authorization using OAuth 2.0, Spring Security, AWS Cognito and JWT. Demonstrated ability to ensure data interoperability using FHIR standards & compliance with HIPAA regulations.
- Hands-on experience with database technologies including Oracle, MySQL, Redis and Elasticsearch for caching and search functionalities.
- Proficient in ensuring secure payment processing through Stripe SDK and adhering to PCI-DSS best practices.
- Familiar with Agile/Scrum methodologies and committed to delivering high-quality, well-tested code using JUnit and Mockito. Experienced in utilizing the ELK stack for root cause analysis and implementing CI/CD pipelines with Jenkins.
- Possess excellent verbal and written communication skills, complemented by strong analytical and troubleshooting abilities. A fast learner who adapts quickly to evolving technologies. These strengths have enabled me to lead feature delivery across cross-functional teams and mentor junior developers on project-specific tasks and best practices

### TECHNICAL SKILLS:

<b>Languages:</b>	Java, TypeScript, JavaScript, Kotlin, HTML5, CSS3, Object-oriented Design
<b>Frontend Technologies:</b>	React.js 18, Angular, Next.js, Zustand, Redux Toolkit, Bootstrap, Tailwind CSS
<b>Backend Technologies:</b>	Spring Boot 3.x, Spring Framework, Node.js, Express.js, Hibernate, Core Java
<b>API &amp; Web Services:</b>	RESTful APIs, Amazon API Gateway, JWT, OAuth 2.0, Stripe SDK, FHIR, Deep Linking
<b>Microservices &amp; Middleware:</b>	Microservices Architecture, Node.js Middleware, Event-Driven Architecture
<b>Authentication &amp; Security:</b>	Spring Security, OAuth 2.0, AWS Cognito, JWT, Multi-Factor Authentication (MFA), PCI-DSS
<b>Cloud &amp; DevOps:</b>	AWS Lambda, Amazon API Gateway, Jenkins, Redis, AWS Cognito
<b>Databases:</b>	Oracle, MySQL, Redis, MongoDB, PostgreSQL.
<b>Caching &amp; Messaging:</b>	Redis, Apache Kafka
<b>Search &amp; Monitoring:</b>	Elasticsearch, Logstash, Kibana (ELK Stack)
<b>Testing &amp; QA:</b>	JUnit, Mockito.
<b>Version Control &amp; CI/CD:</b>	Git, Jenkins, Confluence, Bitbucket, Jira.
<b>Design &amp; Prototyping:</b>	Figma, Adobe XD
<b>Development Tools:</b>	Eclipse, Postman, SOAP UI, Visual Studio code, IntelliJ IDE.
<b>Project Management:</b>	Agile, Scrum, Excel
<b>Mobile Technologies:</b>	Native iOS (Objective C) android (Kotlin), QR Code Scanning
<b>Healthcare Standards:</b>	HIPAA, FHIR
<b>Banking &amp; Payments:</b>	UPI, EMI, Credit Card Management, Stripe Integration

## **PROFESSIONAL EXPERIENCE:**

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### **The Home Depot | January 2024 – Present**

#### **Full Stack Developer**

- Deployed scalable Spring Boot 3.x microservices for catalog, order management and customer reviews, integrating OAuth 2.0 and Spring Security for secure, role-based API access in a multi-tenant e-commerce platform.
- Built enterprise-grade components using Angular for admin dashboards and internal tools.
- Implemented server-side rendering (SSR) with Next.js to improve Time to First Byte (TTFB) and boost organic traffic, increasing Google Lighthouse SEO scores on key product and category pages by 28%.
- Developed high-performance Node.js middleware services using Express.js to aggregate and proxy third-party inventory APIs, reducing frontend load times by 30% and enabling real-time stock synchronization across 5+ vendor platforms.
- Engineered asynchronous event-driven architecture with Apache Kafka, decoupling inventory updates, order confirmation and shipment tracking across services, reducing inter-service latency by 40%.
- Developed pixel-perfect responsive UI using Tailwind CSS, aligning front-end components with Figma design specs and improving page load speed by 22% through code splitting and lazy loading.
- Integrated AWS Cognito with JWT-based authentication, enabling secure Single Sign-On (SSO), multi-factor authentication (MFA) and seamless user registration for active shoppers.
- Utilized Amazon API Gateway and AWS Lambda to offload and asynchronously handle marketing analytics, promotional campaign click-through tracking and A/B testing data ingestion without impacting core transactional performance.
- Configured Redis as an in-memory cache layer for frequently accessed product metadata and session tokens, resulting in a 35% reduction in average API response time during peak traffic (Black Friday, Cyber Monday).
- Implemented Elasticsearch-based product search engine with autocomplete, typo tolerance and keyword boosting, enhancing search relevancy and reducing bounce rates by 15%.
- Integrated Stripe SDK with tokenization and PCI-DSS best practices for secure checkout flow, enabling recurring payments and improving checkout conversion rates by 18%.
- Performed root cause analysis using ELK (Elasticsearch, Logstash, Kibana) stack, detecting failed transactions, suspicious login patterns and abandoned carts, leading to a 20% improvement in fraud prevention and transaction recovery.

### **Tata Consultancy Services – India | May 2019 -**

#### **December 2022 System Engineer**

- Designed and developed responsive front-end user interfaces for HDFC Bank's mobile application using Angular and HTML5, enhancing user engagement by 25%.
- Engineered the UPI module for the HDFC App, optimizing payment processing speed by 20% for over 2 million users through efficient API integration and streamlined workflows.
- Integrated native iOS functionalities using Objective C, enabling seamless runtime features such as gesture recognition and camera access, improving app usability across iOS devices.
- Built QR code scanning capabilities and implemented deep linking on Android using Java, ensuring smooth in-app payment completion with a 15% reduction in transaction drop-offs.
- Developed fraud prevention mechanisms by implementing real-time blocking functionality, reducing fraudulent transactions by 15% through advanced algorithmic checks.
- Delivered a comprehensive credit card management module within the HDFC app, allowing users to manage credit limits, block/unblock cards and modify billing cycles via secure RESTful APIs.
- Created a dynamic EMI conversion feature for eligible credit card transactions based on transaction type, increasing user adoption of flexible repayment options by 30%.
- Architected a centralized loan dashboard leveraging Spring Boot and Hibernate, enabling users to view active loans, EMI schedules, outstanding balances, loan tenure and download essential documents such as interest certificates and welcome letters directly from the app.
- Translated design mockups from Adobe XD into production-ready Angular components and collaborated with UX teams to create prototypes and wireframes for HDFC banking applications.
- Leveraged Microsoft Excel for data analysis, creating pivot tables, and tracking project metrics, contributing to informed decision-making and efficient progress monitoring.

### **Zensar Technologies – India | January 2018 - April 2019**

#### **Full Stack Developer**

- Developed a microservices-based architecture utilizing Spring Boot, achieving a 30% reduction in deployment time and enhancing system scalability for healthcare applications.
- Implemented RESTful APIs that improved data retrieval speed by 25%, significantly enhancing user experience for healthcare professionals accessing patient data.
- Integrated Fast Healthcare Interoperability Resources (FHIR) standards to ensure interoperability, facilitating seamless data exchange between Electronic Medical Record (EMR) systems and third-party applications.

- Achieved 95% compliance with Health Insurance Portability and Accountability Act (HIPAA) regulations through the implementation of rigorous security measures, including data encryption and access controls.
- Designed and developed scalable backend services using Core Java and the Spring Framework, ensuring robust performance for healthcare applications handling large volumes of patient data.
- Created responsive frontend applications using Angular and Bootstrap, leading to a 40% increase in user engagement among healthcare staff and patients.
- Implemented optimized database solutions using Oracle and MySQL, enhancing query performance and ensuring quick access to critical healthcare information.
- Developed unit and integration tests using JUnit and Mockito, ensuring high code quality and reliability of healthcare applications through rigorous testing protocols.
- Managed Continuous Integration/Continuous Deployment (CI/CD) pipelines using Jenkins, automating build and deployment processes to streamline updates and feature releases in healthcare software.
- Engaged in Agile/Scrum ceremonies, actively contributing to sprint planning, daily stand-ups and retrospectives to enhance team collaboration and project delivery in a fast-paced healthcare environment.
- Implemented caching strategies using Redis to improve application performance, resulting in faster data access and reduced load times for healthcare applications.
- Utilized Confluence to document technical designs, sprint retrospectives, and team knowledge bases, ensuring transparency and streamlined collaboration across cross-functional teams.

## **EDUCATION:**

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**Master of Computer Science** - State university of New York at New Paltz, New Paltz, NY, USA

**Bachelor of Information Technology** - Sagi Rama KrishnamRaju College of Engineering andhrapradesh, India