Abhishek Tripathi

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PROFESSIONAL SUMMARY

Results-oriented Full Stack Developer with 3+ years of experience building scalable, secure web applications using Java, Spring Boot, React, and AWS. Expert in microservices architecture, RESTful API design, and database optimization (MongoDB, MySQL). Proven ability to lead agile teams and implement robust cybersecurity measures, including AES encryption and Vault integration. Committed to delivering high-performance, production-grade software that drives real business value.

EDUCATION

AKTU   **Greater Noida, U.P, India**
B.Tech in Computer Science Engineering   *2017 - 2021 — CGPA:7.5*

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript
Framework and Tools: Spring Boot, Spring MVC, Eureka, Spring Cloud Gateway, Load Balancing, Swagger, JWT, React, MySQL, MongoDB, Git, GitHub, AWS, MERN, Docker,
Architectures: Micro-services, MVC, HLD, LLD
Methodologies: Agile, System Architecture, Performance Optimization, Cybersecurity Implementation

WORK EXPERIENCE

Senior Software Engineer - Full Stack Developer
Sasken Technologies, Bengaluru, Karnataka, India   *Jan 2025 - Present*

- **Led microservices architecture** for the eSewa platform using **Spring Boot and React**, delivering a **scalable, secure, high-performance system** for 30+ lakh users.
- **Refined backend services** and ensured **seamless inter-service communication**, driving continuous system evolution in an agile environment.
- **Spearheaded cybersecurity implementation**, leading a team of 5 to integrate **AES-256 encryption** and **HashiCorp Vault**, reducing breach risk by **30%**.

Software Engineer - Full Stack Developer
Sasken Technologies, Bengaluru, Karnataka, India   *March 2022 - Dec 2024*

- **eSewa (React, Spring Boot, Microservices)**: Led full-stack development of a scalable portal for 30+ lakh users. Built React (Ant Design) frontend and Spring Boot microservices (Eureka, API Gateway, Auth). Integrated with Android app and improved API performance and security.
- **Project Polaris – Backend Developer — MongoDB**
  Developed high-performance REST APIs; improved response times by **40%** through advanced MongoDB aggregations, query tuning, and secure bearer token auth.
- **Spring MVC Monoliths (MMS & mBachat)** – Contributed to enterprise-grade financial and management applications using Spring MVC. Gained hands-on experience in building secure, robust, and scalable systems, laying a strong foundation in backend architecture and large-scale monolithic design.

PROJECTS

- **eSewa – Scalable Member Engagement Platform (30+ Lakh Users)**
  Built a digital platform for SEWA to deliver news, learning modules, and surveys to over **30 lakh members**. Enabled real-time communication, content delivery, and user engagement, bridging the digital divide and empowering grassroots participation at scale.
- **mBachat**, **– Rural Finance Management Portal**
  Built a secure platform to empower **rural women** with tools for **group savings**, **loan tracking**, and **medical insurance** management. Enabled transparent financial operations, including interest distribution and fixed deposit oversight, driving **financial inclusion and digital empowerment**.
- **Polaris**, **Marketing Analytics Platform for Blue Corona**
  Developed a digital solution to help businesses **track ad performance** and generate **data-driven leads**. Integrated advanced analytics and marketing strategies to boost **ROI**, enhance **online presence**, and enable clients to thrive in a competitive digital space.

AWARDS AND RECOGNITION

- **Spot Award**, *Thank you Abhishek, for kickstarting our cybersecurity changes by implementing AES encryption, IP throttling and adding security headers thereby enabling more secure SEWA applications. Your enthusiasm is commendable. Well done and keep it up!*