TANAY LAKHOTIYA

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EDUCATION

B.Tech Computer Engineering, Bajaj Institute of Technology (CGPA: 7.9)   2018 - 2022

SKILLS

Programming Languages	Java, JavaScript, PL/SQL
Frameworks & Libraries	Node.js, React, Jasmine, Spring (Core/MVC/Boot), Hibernate, JSP, Servlets
Tools & Platforms	Git, Jira, ActiveMQ, SVN, Dynatrace, WebLogic Admin, RedHat (OCP), Vite

WORK EXPERIENCE

Product Engineer - Intellect Design Arena   (December 2024 - Present)

- Engineered in-house host-to-host file processing utility to handle 2,000+ daily uploads with automated unzip, decryption (PGP, FC@C, Generic), and checksum (MD5, CRC32) validation, reducing operational costs and removing dependency on GMFT.

- Revamped payment file processing workflows by implementing a JMS queue based architecture with MDBs. Developed transaction recovery screens to restore transactions stuck in various states, and generated detailed error files to improve readability and root-cause identification for failed or rejected transactions.

- Developed Java backend services to generate and download advice PDFs for Bangkok Bank (BBL). Optimized backend queries, enabling access to 15K+ beneficiary records in under 2 seconds.

Senior Software Engineer - Bajaj Allianz Life Insurance   (October 2022 - December 2024)

- Developed and deployed scalable Java/Spring Boot backend services integrating SOAP and REST APIs for partner ecosystems (INDmoney, PhonePe, Policy Bazaar, BFL), enhancing functionalities like cKYC, eIA, and document uploads; successfully transferred 60K+ policy bonds and 1 lakh+ logins handled during peak hours.

- Automated eIA activation through a SOAP-based Java service, reducing manual effort by 80% and generating 1.55 lakh eIAs annually, significantly improving operational efficiency and turnaround time.

- Optimized API consumption costs by developing a wrapper service on cKYC API for the PASA (Pre-Approved Sum Assured) journey, reducing third-party dependency and lowering organizational costs.

- Built microservices and PL/SQL schedulers for secure handling of documents like PAN, Aadhaar, and PIVC, processing 1.7 lakh+ records monthly and streamlining production support through enhanced job scheduling and automated recovery flows.

- Digitized and unified issuance workflows (Opus & NGIN), automating 34% of new business proposals and 22% of policy servicing requests, improving TAT and boosting Operations team productivity through simplified user interfaces.

PROJECTS

Amazon E-Commerce - JavaScript, Jasmine, Git, GitHub Pages   (September 2025 - October 2025)

- Developed a full-stack JavaScript e-commerce application using ES6+, OOP, and MVC architecture, integrating RESTful APIs (Fetch, XHR) and LocalStorage for state management across 40+ dynamic products.

- Implemented Promises, async/await, and advanced error handling for stable asynchronous workflows, and ensured maintainability through unit testing with Jasmine 5.1.1 and version control via Git/GitHub.

Techfolio - JavaScript, Git, GitHub Pages   (January 2025 - Present)

- Developed a responsive portfolio using JavaScript across five pages; SEO optimization improved visibility by 35%.

- Created interactive project showcase with event delegation, reducing load times by 40% via async loading.