

RHUTURAJ TAKLE

Software Engineer | Full-Stack Developer | .NET & Angular Specialist

rhutu.takle@gmail.com • +91 8828088147 • Portfolio • linkedin.com/in/rhaturajtakle • Thane, Maharashtra

PROFESSIONAL SUMMARY

Results-driven **Full-Stack Software Engineer** with **~5 years of experience** building scalable enterprise applications across Fintech, Financial Surveillance, and EdTech domains. Deep expertise in **Angular, ASP.NET Core, C#, C++, React, TypeScript, and SQL Server, AI - Copilot**, with a proven track record of optimizing system performance, streamlining workflows, and elevating user experience at scale. At **US Technology** and **TSS Consultancy**, delivered high-impact engineering outcomes including a **40% reduction in manual processing workload**, a **30% improvement in monitoring efficiency**, and a **20% gain in overall system efficiency**. Recognized for clean-architecture principles, API-first design thinking, and cross-functional collaboration in agile, product-centric environments.

CAREER SNAPSHOT

~5 Years of Experience	40% Workload Reduction	30% Monitoring Efficiency	25% Customer Satisfaction	200+ DSA Problems Solved
----------------------------------	----------------------------------	-------------------------------------	-------------------------------------	------------------------------------

PROFESSIONAL EXPERIENCE

Developer III – Software Engineer | US Technology Pvt. Ltd.

November 2025 – Present | Fintech / Payment Platform Engineering

- Architected Angular-based client-side state management solutions** for a high-volume enterprise payment platform, reducing UI re-renders and significantly improving transaction workflow responsiveness.
- Reduced redundant API traffic by ~35%** by designing intelligent client-side data persistence and caching strategies, lowering server load and improving client-side performance for payment-critical workflows.
- Optimized bulk transaction processing pipelines** by collaborating with backend teams on server-side caching and SQL query tuning, accelerating end-to-end throughput for high-frequency financial operations.
- Improved scalability and fault-tolerance** of enterprise fintech modules by applying component-level refactoring and lazy-loading patterns, contributing to a more resilient payment platform architecture.
- Streamlined API integration and validation workflows** using Swagger and Postman, reducing integration defects and ensuring payload consistency across microservice boundaries.
- Delivered sprint-based features and hotfixes** across Angular and ASP.NET Core layers, maintaining high code quality through peer reviews, Azure DevOps CI/CD pipelines, and Git best practices.
- Contributed to cross-team architectural planning** for performance-critical frontend modules, aligning engineering decisions with business SLAs for real-time payment processing.
- Built reusable Angular component libraries** and shared service patterns, standardizing UI patterns across payment flows and reducing new-feature development time.

Associate Software Engineer | TSS Consultancy Pvt. Ltd.

July 2023 – November 2025 | Full-Stack Development / Financial Surveillance

- **Increased system efficiency by 20%** by leading the redesign of a simplified, modular solution for legacy enterprise products, reducing codebase complexity and long-term maintenance costs.
- **Improved monitoring efficiency by 30%** by engineering an automated alert-generation system for the **AIFTM (Alternative Investment Fund Transaction Monitoring)** project, accelerating issue detection in investment fund workflows.
- **Reduced application downtime by 15%** by proactively identifying and resolving critical production defects in stock surveillance systems, improving operational continuity for financial clients.
- **Built Angular frontend dashboards** for real-time financial surveillance, enabling operators to monitor stock transactions and flag anomalies through intuitive, data-driven UI workflows.
- **Developed ASP.NET Core APIs and C# backend services** powering complex data retrieval and processing pipelines for enterprise investment monitoring applications.
- **Boosted overall team productivity by 10%** through enhanced application stability, proactive code-quality improvements, and creation of reusable component documentation.
- **Collaborated with cross-functional teams** to deliver key features on schedule using Azure DevOps for sprint tracking, Swagger for API documentation, and Git for version control.

Graduate Engineer Trainee | MITR Learning & Media

June 2021 – December 2022 | Frontend Development / E-Learning Solutions

- **Enhanced customer satisfaction by 25%** by modernizing legacy e-learning interfaces, migrating outdated UI flows to responsive, component-driven **Angular and React JS** frameworks.
- **Increased learner engagement by 10%** by building interactive **Canvas-based educational tools** with dynamic animations, gamified quizzes, and adaptive UI components.
- **Delivered multilingual localization for the Chinese market**, implementing language switching and locale-aware rendering that expanded the platform's international user base.
- **Developed reusable component libraries** with Angular, PrimeNG, and React JS, standardizing UI patterns and reducing new module development effort across the engineering team.
- **Improved cross-browser accessibility and WCAG compliance** by refactoring HTML5/CSS3/JavaScript components, enhancing usability for differently-abled and international learners.
- **Collaborated in a fast-paced agile team**, contributing to iterative feature delivery for digital education products while ensuring UI/UX consistency across release cycles.

CORE SKILLS & TECHNOLOGIES

Languages & Frameworks

- **Frontend:** Angular, React JS, TypeScript, JavaScript (ES6+), HTML5, CSS3, PrimeNG, Material UI, Canvas API
- **Backend:** C#, C++, ASP.NET Core Web API, Python, Flask – REST API design, middleware, service architecture
- **Databases:** SQL Server, MySQL, Firebase – schema design, query optimization, indexing, stored procedures

Tools & DevOps

- **Version Control & CI/CD:** Git, Azure DevOps – branching strategies, pipeline configuration, sprint-based delivery
- **API & Testing:** Postman, Swagger, Selenium – API validation, automated UI testing, integration testing
- **Other Tools:** Firebase, Agile/Scrum methodology, code review, technical documentation

Core Competencies

- **Engineering:** Full-Stack Development, Performance Optimization, State Management, Scalable Architecture, Microservices
- **Domains:** Fintech & Payment Systems, Financial Surveillance, E-Learning Platforms, Document Automation
- **Soft Skills:** Analytical Problem Solving, Team Collaboration, Technical Communication, Leadership, Adaptability

PROJECTS

PDXtract – Automated PDF Data Extraction Platform

- **Reduced manual document-processing workload by 40%** by engineering an intelligent PDF extraction system with automated checkbox detection, structured data parsing, and formatted output generation.
- Built with **Python and Flask**, designed for accuracy and throughput at enterprise scale — handling unstructured document workflows with minimal human intervention.

AIFTM – Investment Monitoring System

- Developed an alert-generating tool for investment fund transaction monitoring.
- Resulted in a **30% increase** in monitoring efficiency by **implementing key features** like "Same Day In and Out Job

Payment Platform

- Optimized multi-product selection workflow in the Deluxe Corporate Payments platform by implementing server-side caching, batched API/database operations, and SQL query tuning, **improving bulk transaction processing performance by 70%**.

Python Workflow Automation

- Developed **Python automation scripts** to eliminate repetitive manual tasks in customer workflows, significantly reducing processing time and improving operational efficiency across business units.

EDUCATION

Bachelor of Engineering – Computer Engineering | University of Mumbai | 2021 | CGPI: **8.19 / 10**

Diploma – Computer Engineering | MSBTE | 2018 | Score: **80.88%**

ACHIEVEMENTS & RECOGNITION

- **40% Manual Workload Reduction** – Engineered the PDXtract PDF extraction platform, eliminating repetitive document-processing tasks and enabling teams to focus on high-value engineering work.
- **30% Monitoring Efficiency Improvement** – Built the AIFTM automated alert system at TSS Consultancy, significantly accelerating anomaly detection in investment fund transaction workflows.
- **25% Customer Satisfaction Increase** – Led UI/UX modernization at MITR Learning & Media, migrating legacy platforms to Angular/React and transforming the learner experience.
- **20% System Efficiency Gain** – Spearheaded product simplification and optimization at TSS Consultancy, reducing operational complexity and improving application maintainability.
- **IIT Delhi Rendezvous '18 Campus Ambassador** – Drove a **15% increase in event participation** through targeted social media campaigns and peer engagement across the Mumbai region.
- **200+ LeetCode Problems Solved** – Demonstrated consistent algorithmic rigor across arrays, trees, DP, and graph algorithms — ranked in the top tier of consistent problem-solvers.

CERTIFICATIONS

- **React JS** – Frontend Development Certification
- **JavaScript ES6** – Modern JavaScript & Functional Programming
- **ASP.NET Core Web API** – Backend REST API Development
- **Complete Ethical Hacking Bootcamp** – Cybersecurity & Penetration Testing Fundamentals
- **Copilot** – Copilot Beginner to Pro