

ADITYA BHATTACHARYA

Full Stack Developer | Software Engineer
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PROFESSIONAL SUMMARY

Results-driven Software Engineer with over 3 years of experience in full-stack development, application management, and quality assurance. Proficient in Java, ReactJS, Redux, TypeScript, and MySQL. Proven track record in vulnerability remediation, cloud computing, and AI-assisted development. Currently pursuing an MBA in Project Management & IT, combining technical expertise with strategic project oversight to deliver scalable, secure enterprise solutions.

CORE COMPETENCIES

- **Languages:** Java, JavaScript (ES6+), TypeScript, Python, SQL, HTML5, CSS3, SCSS
- **Frontend Development:** ReactJS, Redux, Responsive Web Design
- **Backend & Databases:** MySQL, RESTful API Development, System Design
- **DevOps & Tools:** Docker, Git, Jira, Postman, CI/CD pipelines
- **Security & QA:** VAPT, Vulnerability Remediation, CVE Management (Flying Duck), Manual Testing, AI-Assisted Debugging (Kiro IDE)

PROFESSIONAL EXPERIENCE

Software Developer | Aditya Birla Capital Digital Limited

Pune, India | Feb 2024 – Present

- Manage the Payments platform as Tech SPOC, overseeing release coordination, incident triage, and cross-functional stakeholder communication.
- Develop and maintain frontend features for the Corporate Portal using React, Redux, and TypeScript to ensure high-performance user experiences.
- Architect and maintain an internal Admin Portal, significantly reducing manual operational overhead across business units.

- Execute end-to-end vulnerability remediation for production applications using Flying Duck for CVE detection and prioritization.
- Integrate Kiro IDE into the development lifecycle to drive AI-assisted coding and accelerate bug remediation.
- Collaborate with security and QA teams to harden application performance and address vulnerabilities identified through VAPT.

Software Engineer | Aditya Birla Group - Capital Ltd

Visakhapatnam, AP | Nov 2021 – Mar 2023

- Designed and developed the "Service Buddy" mobile application, enhancing functionality for field service agents.
- Implemented core features using Java and React while performing comprehensive QA testing and bug resolution.
- Contributed to Agile sprint planning and retrospective sessions to ensure consistent on-time delivery of project milestones.

KEY PROJECTS

- **Outlook Follow-Up Emails Agent:** Engineered an automated Python-based agent to parse email history and streamline follow-up threads, improving response efficiency.
- **Stock Market Prediction System:** Built a financial sentiment analysis tool using NLP and a hybrid SVM-LSTM deep learning model to forecast market trends.
- **Handwritten Text Recognition:** Developed a neural network pipeline using CNNs for semantic analysis and feature extraction of handwritten documents.
- **IntelliFin:** Designed a machine learning model integrating technical indicators and sentiment analysis to generate actionable investment signals.

EDUCATION

- MBA (Project Management & IT) | In Progress
- B.Tech (Computer Science & Engineering) | SRM University

CERTIFICATIONS

- SQL for Data Science (Coursera), Python Programming (Coursera), Cloud Computing (Uniq Technologies), Web Developer Bootcamp (Udemy), Technical Support Fundamentals (Google), AI & Data Science (Multiple certifications).