

SUMMARY

Full-stack Software Engineer with experience developing secure, scalable enterprise applications. Skilled in React, Java, Spring Boot, accessibility-driven UI engineering, and secure application development using industry-grade tooling. Proven ability to deliver production-ready features, improve user experience, enhance system security, and collaborate in Agile environments.

EXPERIENCE

- Software Development Engineer** July 2024 – Present
J.P. Morgan Chase and Co. On-site
- Delivered solutions supporting 23,500+ certification groups and 12,000 unique certifiers, including 6323 line manager owners (MDs, EDs and VPs). Enhanced operational hygiene, streamlining certification cycles and improving audit readiness.
 - Proactively monitored scan cycles, resolved user queries, and addressed 4000+ access violations per cycle, on a large-scale certification platform serving 3000+ business users. Delivered both UI and backend fixes to ensure platform stability during critical certification periods.
 - Implemented runtime encryption using HERA KMS, modernized the React-based UI and improved accessibility to WCAG standards, boosting customer satisfaction (CSAT) from 75% to 93% across a customer-facing platform. to meet WCAG accessibility standards, and conducted load testing with JMeter and BlazeMeter—eliminating plaintext data exposure, boosting accessibility scores by 25%, and improving API response times by 30%.

Skills Used: React, Spring Boot, Java, TypeScript, KMS, CI/CD, Git, Agile, JMeter, BlazeMeter

- Software Development Engineer Intern** January 2024 – June 2024
J.P. Morgan Chase and Co. On-site
- Delivered enterprise features using Java, React, Node.js, and Spring Boot within Agile teams.

Skills Used: Java, Node.js, React, Spring Boot, Agile

- Software Development Engineering Intern** June 2023 – July 2023
J.P. Morgan Chase and Co. On-site
- Built reusable UI components using React.js and TypeScript.
 - Developed NLP-driven backend services in Python Flask for automated data processing.

Skills Used: React, TypeScript, Python, Flask, NLP, REST APIs

EDUCATION

- SRM Institute of Science and Technology, Chennai, India** 2020-24
Bachelor of Technology in Computer Science and Engineering CGPA: 9.42
- G.D. Birla Centre for Education, Kolkata, India** 2020
Indian Certificate of Secondary Education (ICSE) Percentage: 93.25

PERSONAL PROJECTS

- Enhancing Cuffless Blood Pressure Monitoring using deep-learning techniques**
SRM Institute of Science and Technology, Chennai
- * Built a deep-learning-based model to estimate blood pressure from physiological signals, enabling non-invasive and continuous monitoring.
 - * Technology Used: Python, MATLAB, Kaggle Datasets
- Homify: Homecare Services iOS Platform mobile application**
SRM Institute of Science and Technology, Chennai
- * Developed an iOS application connecting users with homecare service providers, featuring service booking, user authentication, and real-time updates.
 - * Technology Used: UIKit, SwiftUI, Firebase, Figma

TECHNICAL SKILLS

Languages: Java, Python, C/C++, JavaScript, TypeScript, Swift, SQL

Frontend: React, HTML, CSS, WCAG Accessibility, Component-driven UI Design

Backend: Spring, Spring Boot, Node.js, Python Flask

Security: KMS-based encryption, Secure coding, IAM application development

DevOps & Tools: Git, GitHub, IntelliJ, VSCode, XCode, JMeter, BlazeMeter

Databases: Firebase, Relational Databases (SQL)

Methodologies: Agile, Scrum, SDLC

Interests: Web Development, iOS Development, System Design, Machine Learning