Vijay Pandey

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Education

SIES College of Arts, Science and Commerce — 2023–2025
M.Sc. Computer Science (CGPA: 7.9) — *Mumbai, Maharashtra*
- **Relevant Coursework:** Advanced DBMS, NoSQL (MongoDB/Cassandra), Big Data Processing, Apache Spark & Distributed Computing, SDN & Network Virtualization, Data Analysis

N.E.S. Ratnam College of Arts, Science & Commerce — 2020–2023
B.Sc. Computer Science (CGPA: 9.16) — *Mumbai, Maharashtra*
- **Relevant Coursework:** Core Java, Python, Data Structures & Algorithms, DBMS, Data Science, Web Services (REST API), Computer Networking (Cisco Packet Tracer)

Experience

FlashOverseas – Overseas Education Consultancy Website — Aug 2024 – Sept 2024
Software Engineer (Freelance) — *Remote*
- **Tech Stack:** React.js, TypeScript (TSX), React Router, HTML, CSS, Vercel
- Developed a responsive web application using React.js and TypeScript (TSX), creating 20+ reusable components for scalable UI development.
- Implemented client-side routing using React Router, improving navigation flow and reducing page reloads by ˜40%.
- Optimized mobile-first layouts and cross-browser compatibility, improving user experience across devices.
- Deployed production-ready application on Vercel with environment-based configuration and CI/CD workflow.

Projects

CineCoolTV – Movies, Series & Anime Tracker | *Team Size: 1 (Individual Project)*
- **Tech Stack:** React.js, Spring Boot, Spring Security, JWT, OTP Authentication, MySQL, TMDB API
- Developed a full-stack tracker application using Spring Boot and React.js, enabling users to browse and manage movies, TV series, and anime in one platform.
- Implemented Spring Security + JWT authentication with OTP verification, ensuring secure login and protected API access.
- Designed and built RESTful APIs following MVC architecture, supporting complete CRUD operations with Spring Data JPA and MySQL.
- Integrated TMDB API for real-time content metadata and deployed the application on Render (backend) and Vercel (frontend) for production availability.

Technical Skills

Programming Languages: Java, JavaScript, TypeScript, Python
Backend: Spring Boot, Spring Security, REST APIs, JWT, Authentication & Authorization, Node.js, Express, FastAPI
Frontend: React.js, HTML, CSS, TypeScript (TSX)
Databases: PostgreSQL, MySQL
Tools & Platforms: Git, GitHub, Postman, AWS (Basics), Linux, Webpack
Concepts: OOP, Data Structures & Algorithms, DBMS, MVC Architecture, API Integration

Languages

Hindi: Native
English: Professional Proficiency