Mayank Pandey

Associate Software Engineer — Full Stack Web Developer

Mohali, Punjab, India | +91 9870738560 | mayankpandey8171@gmail.com

Portfolio | LinkedIn | GitHub

Professional Summary

Associate Software Engineer with hands-on experience building and supporting full stack web applications using React, Node.js, Express, MongoDB, and Python. Strong foundation in RESTful APIs, authentication workflows, input validation, and backend architecture. Experience spans Web2 systems and blockchain-based applications with a focus on clean, maintainable code and collaboration.

Technical Skills

Languages: JavaScript (ES6+), Python, C++
Frontend: React.js, HTML5, CSS3
Backend: Node.js, Express.js, REST APIs
Databases: MongoDB, Mongoose
Security & Validation: JWT Authentication, Bcrypt Password Hashing, Zod Validation
Blockchain: Smart Contract Concepts, Decentralized Application Architecture
Tools: Git, GitHub, Postman, VS Code, Vercel
Professional Tools: Microsoft Word, Excel, PowerPoint

Experience

- **Blockchain Developer Intern** — ICP Hub India — Apr 2024 – Sep 2024
  Internship Completion Letter
  - Contributed to development and support of decentralized and full stack applications
  - Worked on backend logic, REST API workflows, and application architecture
  - Assisted in debugging, feature implementation, and code quality improvements
  - Delivered technical workshops on full stack and blockchain fundamentals
  - Collaborated with cross-functional teams on documentation and onboarding

Projects

- **PushMeet** — Blockchain-Based Full Stack Application — GitHub
  - Developed a decentralized application focused on secure user connections
  - Implemented blockchain-based identity and interaction mechanisms
  - Built frontend interfaces and backend logic for user workflows
  - Ensured transparent data handling using decentralized architecture principles
- **Booking-Way (Movie Ticket Booking System)** — Full Stack Web Application — GitHub
  - Designed and implemented real-world booking workflows
  - Integrated JWT authentication with secure password hashing using bcrypt
  - Applied Zod schema validation for reliable and secure input handling
  - Structured backend APIs to handle concurrent booking requests efficiently
  - Improved maintainability by organizing routes, controllers, and services cleanly

Education

- **Bachelor of Technology in Computer Science Engineering (AI & ML)** — 2022 – 2026
  Sunstone (Rayat Bahra University), Mohali

Certifications

- Full Stack Generative & Agentic AI with Python
- Deep Learning & AI Certification — KPMG in India

Achievements

- Second Prize — ICP Crewsphere Hackathon (2024)