

Mehul Sharma

SOFTWARE ENGINEER

PROFESSIONAL SUMMARY

Computer Science graduate with a strong foundation in backend development and frontend development. Experienced in building APIs, managing cloud infrastructure with Docker/AWS, and applying Agile practices in real-world projects. Actively seeking junior software engineering roles to contribute to scalable and impactful systems.

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Address:

Bengaluru

EDUCATION

Bachelor of Science in Computing & Software Systems | 2022-2024 Dec

University of Melbourne, University College

International baccalaureate, IGCSE 2015-2020

National Public School, Singapore

WORK EXPERIENCE

Backend Engineer | July 2024 - Nov 2024

Curtin Health

- Developed a backend system enabling nurses, doctors, and patients to manage health tests.
- Integrated multiple test types including cardiovascular, vitals, and endocrine screenings.
- Designed and implemented a database schema using PostgreSQL.
- Ensured API security and authentication with JWT.

PROJECTS

Project Website (React, Next.js, Tailwind CSS)

- A personal project website showcasing past projects and technical blogs.
- Built using React, Next.js, and Tailwind CSS.
- Hosted on Vercel with CI/CD pipeline integration.

Game Refactor (Java, IntelliJ, UML)

- Refactored the game logic of HiFive using Java, improving maintainability and scalability.
- Implemented AI strategies for different player types (random, basic, clever).
- Applied design patterns (GRASP, GoF) to enhance system architecture.
- Documented software improvements and created UML diagrams for project planning.

Automated Resume Screening System

- AI-powered tool to parse and rank resumes based on job descriptions.
- Implementing NLP techniques using Python and TensorFlow.
- Deploying with FastAPI and PostgreSQL for scalable performance.

SKILLS

- Languages: Python (Skillful), Java (Experienced), JavaScript (Experienced),
- Frameworks: React, Node.js, FastAPI, Tailwind CSS
- Databases: PostgreSQL, SQLite
- Tools: Docker, Git, AWS, Vercel
- Concepts: API Development, JWT Auth, Agile, UML, Design Patterns(GRASP, GoF)

LANGUAGES

- English (Fluent/Native)
 - Hindi (Fluent/Native)
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