

Rishabh Rai

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Professional Summary

A versatile Software Engineering student with hands-on experience across the full development lifecycle, from backend optimization to building user-centric applications. Proven ability to quickly learn new concepts and apply problem-solving skills to deliver high-quality results. Driven to contribute to impactful projects in a collaborative, fast-paced environment.

Education

MIT Academy of Engineering | Bachelor of Engineering Aug 2023 – Present

Computer Engineering (Software Engineering), Expected in 04/2027

- GPA: - 8.22 (Present)
- **Achievements:** 2 times Winner of Datathon 2024 & 2025, Organizing Code Quest on "Problem Solving using OOP (C++)"

SNBP Junior College - Pune, India | HSC Apr 2022 – Apr 2023

- **Final Grade:** 83.33 %
- **Coursework:** Mathematics, Physics, Chemistry, Information Technology, Logic and Reasoning

Technical Skills

Languages: Java, C++, C, TypeScript

Frontend: Next.js, React, Tailwind CSS

Backend: Node.js

Databases: MySQL, PostgreSQL

Cloud & DevOps: AWS, Docker, Git, GitHub

AI Tools: Cursor, GitHub Copilot, ChatGPT, Google Gemini, v0.dev

Experience

Operations Research Intern, OR Tech Solution – Remote Feb 2025 – Aug 2025

- Spearheaded the optimization of a C++ based delivery routing system to enhance logistical efficiency.
- Engineered the migration of the project to modern C++ libraries, resulting in significant code optimization and improved application performance.

Software Engineer Intern, Multigonal – California, US July 2024 – Jan 2025

- Developed a strong understanding of software company workflows, including Agile methodology, Version control, Software testing, Defect tracking, and Code reviews.
- Collaborated on a To-Do List application project to apply these principles, ensuring proper documentation, testing, and iterative improvement.

Projects

InkWritten

- Developed a SaaS web application to convert typed text into realistic, customizable handwritten documents with features like real-time previews and PDF/PNG export.
- **Tools Used:** Next.js, React, Tailwind CSS, shadcn/ui, and MySQL.

AR-Food-Menu-App

- Developed an innovative AR food menu app enabling customers to visualize their meals in real-time through their smartphones.
- **Tools Used:** C# (Basic), Unity.