

Sarthak Parouha

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EDUCATION

2023 - 2027	B.Tech in Computer Science and Business Systems at MITWPU, Pune	(GPA: 8.15)
2023	Class 12th CBSE Board from Elpro International School, Pune	(Percent:70.6)
2021	Class 10th CBSE Board from Elpro International School, Pune	(Percent:90.2)

PROJECTS & EXPERIENCE

Generative AI for Demystifying Legal Documents [Source Code](#)

- Developed and deployed an AI-powered tool that simplifies complex legal documents using advanced NLP and generative AI techniques, making them understandable to non-experts and professionals.
- Designed intuitive UI for document upload, extraction, and simplification; supported multiple legal document types and highlighted key insights automatically.
- Integrated Google Gemini API for AI-powered text simplification and MongoDB Atlas for cloud-based document storage and retrieval.

Cab Booking System [Source Code](#)

- Developed a modular, console-based cab booking system leveraging C++ OOP concepts like Inheritance and Encapsulation.
- Implemented a fare calculation logic based on vehicle type and trip distance, optimizing the booking-confirmation workflow and the average processing time by 40%.
- Persistently managed user, driver, and trip data is managed by file handling, ensuring accurate and reliable record storage without a database

Virtual AI Innovation Intern — Yuva Intern 1 Month

- Collaborated remotely with interdisciplinary teams to brainstorm, design, and prototype innovative AI-driven solutions for real-world problems.
- Researched state-of-the-art generative AI applications and contributed to market analysis and requirements documentation.
- Delivered a detailed report and presentation on virtual AI innovations and trends as part of the internship project.

ACHIEVEMENTS

- **GenAI Exchange Hackathon (Google × Hack2Skill) Semi-Finalist:** Led a 3-member team to the Top 90 nationwide (out of 2.5 lakh participants) for developing an AI-powered legal document simplifier using advanced NLP and generative AI techniques.

SKILLS AND INTEREST

Technical Skills Proficient in C++, Python, and object-oriented programming, MS Office Suite, Database management with experience in building full-stack applications and AI-powered solutions.

Interests Passionate about startups, technology innovation, building web/mobile applications along with badminton, traveling, and exploring diverse cultures.