

ASHAY PATIL

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[LinkedIn](#) | [Github](#) | [LeetCode](#) | [Portfolio](#) | Pune, Maharashtra



PROFESSIONAL SUMMARY

Innovative and result-oriented Computer Engineering student at Vishwakarma Institute of Technology, Pune with strong foundations in Data Structures, Algorithms, and Object-Oriented Programming. Passionate about solving real-world problems through scalable full-stack applications, with a focus on secure backend systems and AI integration. Experienced in developing web applications using React.js, Node.js, MongoDB, and Express.js, handling authentication. Proven track record of working in collaborative and fast paced environments and delivering real-world solutions during hackathons and personal projects.

EDUCATION

- Vishwakarma Institute of Technology** 2023 – 2027
Bachelor of Technology in Computer Engineering Pune, India
 - CGPA: 9.04 / 10.00

COURSEWORK

Data Structures and Algorithms Systems		Object Oriented Programming Data Science	Database Management
Operating Systems			

PROJECTS

- Study Vault – Empower Student Learning Instantly [Link: [GitHub](#)]**
Tech Stack: React.js, Express.js, MongoDB, Mongoose, Cloudinary, Multer, JWT, Nodemailer, Joi, Axios, REST APIs, React Router DOM,
 - Developed a web application enabling students to share, discover, and download academic study resources, solving the real-world problem of scattered and inaccessible study material among college students.
 - Designed secure and modern authentication workflows (OTP verification, JWT tokenization, hash password storage) and integrated Cloudinary + Multer for scalable, distributed file management.
 - Incorporated a 5-star rating system and commenting feature on each study resource, enabling students to evaluate content quality and ensure peer-driven trust.
 - Implemented user friendly features like search, filtering, pagination, enforced strict data validation via Joi in a clean MVC architecture and frontend routing with React Router DOM.
- WisdomPool – AI Powered Placement Experience Sharing Platform [Link: [GitHub](#)]**
Tech Stack: React.js, React Router, Axios, Node.js, Express.js, MongoDB, Mongoose, JWT, bcryptjs, Google Gemini SDK, React Markdown
 - Engineered a full-stack web platform for sharing and exploring placement experiences, solving the real-world issue of scattered placement guidance across LinkedIn, YouTube, GeeksforGeeks, Reddit, and LeetCode Discuss through a centralized, AI-powered hub for preparation.
 - Implemented end-to-end AI integration using Google Gemini SDK, transforming raw candidate experiences into actionable Markdown insights with personalized guidance improving company centric placement preparation.
 - Followed MVC architecture and best practices for a scalable, production-ready monorepo.

SKILLS

- Programming Languages:** Java, JavaScript, Python, C
- Web Technologies:** HTML, CSS, JavaScript, React.js, React Router DOM, Node.js, Express.js, REST APIs, Axios, JSON Web Tokens
- Database And Cloud Systems:** MySQL, MongoDB, Cloudinary, MongoDB Atlas
- Tools:** Git and GitHub, Postman
- Specialized Area:** Data Structure Algorithms, Web Development

HONORS AND ACHIEVEMENTS

- Top 10 Finalist – Oneab Ventures AI Agents Hackathon (150+ Teams Nationally)
- Solved 340+ problems on LeetCode
- Achieved 5 Stars in Python, 4 Stars in C on HackerRank