

Vedant Rahane

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EDUCATION

Indian Institute of Information Technology, Allahabad <i>M.Tech in IT</i>	2024 – 2026 CGPA: 9.17/10
Amrutvahini College of Engineering, Sangamner <i>B.E in Computer Engineering with Honors in Data Science</i>	2019 – 2023 CGPA: 9.0/10

EXPERIENCE

Cognizant <i>Digital Operations Intern</i>	Dec 2023 – July 2024 Chennai, India
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- Worked with HTML5, CSS3, JavaScript, ANSI SQL, C#, ASP.NET MVC, Web API, and Python.
- Automated business processes using UiPath and Power Automate.
- Improved operational workflows and gained hands-on experience with enterprise tools.

PROJECTS

CareerNest – Smart platform for job seekers	🔄 📄
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- Built an interactive Job Tracker visualizing application stages (Saved, Applied, Interview, Offer) with automated follow-up reminders.
- Engineered AI-driven career tools with Google Gemini API—Resume Analyzer for fit-scores, skills-gap & keyword optimization, plus Interview Prep generator with tailored Q&As & explanations—cutting prep time by 30%.
- Engineered secure resume storage on AWS S3, handling 1,000+ uploads with end-to-end encryption and role-based access.

Tech Stack: React, Tailwind CSS, Node.js, Express, MongoDB, JWT, AWS S3, Python, Flask, Gemini API

SnapCircle – Event Photo Sharing Platform with Face Recognition	🔄 📄
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- Built a full-stack event photo-sharing platform with automated face-recognition tagging and QR code invitations, reducing guest onboarding time by 70% and boosting photo discoverability.
- Integrated AWS S3 with presigned URLs to support 1,000+ photos per event and ensure scalable, secure storage.
- Automated database migrations with Alembic/SQLAlchemy and implemented JWT authentication with GDPR-compliant face data handling.

Tech stack: React, FastAPI, SQLAlchemy, Alembic, PostgreSQL, Python face-recognition, AWS S3, JWTs

Research Buddy – AI-powered research paper analyzer	🔄 📄
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- Built a full-stack web app enabling multi-document upload and AI-driven analysis (<2 s response) using Google Gemini.
- Offloaded PDF processing to client via PDF.js & IndexedDB—eliminating server storage and preserving user privacy.
- Crafted a React UI for seamless upload, file management, and interactive insights (research gaps, methodology comparisons, key findings) with PDF export.

Tech stack: React, PDF.js, IndexedDB, jsPDF, Flask, Google Gemini AI, REST APIs

More: [URL Shortner](#) 🔄📄 | [SnappyNotes](#) 🔄📄 | [Smart Attendance System](#)

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, C++, C#, Java
- **Web:** *Frontend* – React.js, Tailwind CSS, HTML5/CSS3; *Backend* – Node.js, Express, Flask, ASP.NET, FastAPI
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Cloud & Tools:** AWS S3, Git, UiPath, Postman, VS Code, Power Automate

ACHIEVEMENTS

- GATE 2023 & 2024 Qualifier
- GSSOC 2021 Participant 📄
- 📄 HackerRank – 6/6 Stars in Problem Solving
- Solved 500+ problems on 📄 LeetCode, 📄 GFG