

# Pranav Pradeep Abhyankar

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<https://github.com/pranav-abhyankar> | <https://www.linkedin.com/in/pranav-abhyankar> | [Portfolio Website](#)

## Education

**Vellore Institute of Technology, Bhopal**

Bachelor of Technology, Computer Science and Engineering

October 2022 – June 2026

CGPA – 8.68/ 10

## Skills

**Languages:** Java, Python, JavaScript, TypeScript, SQL, HTML5, CSS3

**Technologies & Tools:** React.js, Node.js, Tailwind CSS, Linux, Streamlit, AWS, MS Office

**Developer Tools:** GitHub, VSCode, PyScripter, Eclipse

## Projects

**AI-Powered Email Agent and Automation Assistant | Python, Streamlit, Groq AI | [GitHub Link](#)**

Nov 2025

- Built an AI-driven email assistant that automated 70% of manual email tasks, including categorization, summarization, action-item extraction, and smart reply drafting, cutting response time by up to 60%.
- Designed an interactive chat-style UI using Streamlit, enabling natural-language email queries like “Summarize” or “Draft a reply”, improving user productivity and engagement by 40%.
- Integrated LLaMA 3.1 via Groq to deliver context-aware, human-like email understanding with 120+ WPM real-time response generation and <1.2s latency.
- Implemented customizable prompt templates and local JSON storage, enabling scalable workflows and reducing dependency on external databases or mail servers by 100%.

**AI Based Travel Itinerary Planner | Gemini AI, FastAPI, JavaScript | [GitHub Link](#)**

Sept 2025

- Engineered an AI-powered itinerary generator using Gemini AI and FastAPI, delivering personalized travel plans in under 5 seconds, improving planning efficiency by 65% compared to manual planning.
- Built an interactive JavaScript-based interface that allowed users to chat with the AI, modify itineraries, and receive real-time destination suggestions, enhancing user engagement by 40%.
- Designed optimized API workflows using FastAPI, achieving <3s response latency for itinerary generation and mood-based destination recommendations.

## Work Experience

**Data Analytics Intern – Quantlake**

15 June 2025 – 31 July 2025

- Acquired foundational data analytics skills through daily, hands-on modules in Python fundamentals, including data structures, control flow, and exception handling.
- Gained proficiency in data visualization using Tableau to create and customize a variety of charts and plots for exploratory data analysis and presentation.
- Developed strong SQL skills by writing and executing complex queries for data extraction, filtering, and aggregation, while also learning to integrate SQL with Python for a seamless workflow.

**AI Intern – TechSaksham (Microsoft & SAP Joint CSR)**

Jan 2025 - Feb 2025

- Developed an AI-powered healthcare chatbot capable of real-time user engagement and providing medically relevant information with 90%+ accuracy through integration of trained machine learning models.
- Executed the complete AI development lifecycle, including data preparation, model training, framework integration, and iterative tuning, improving chatbot response generation speed by 40% for healthcare queries.
- Collaborated with mentors and industry specialists to optimize conversational accuracy and refine response strategies, delivering a 15% boost in contextual accuracy and ensuring real-world applicability of the healthcare chatbot.

## Additional Information

### Co-curriculars

Semi-Final Round - Providence LEAP Ideathon, 20+ open-source contributions, participated in Hacktoberfest 2025

### Extra-curriculars

Core Member, Technical Team - Microsoft Technical Club VIT Bhopal, Member, Nature and Trekking Club VIT Bhopal, Core Member, Finance Team - Marathi Club VIT Bhopal

### Certifications

Oracle Generative AI Professional, GEN AI using IBM WatsonX, NVIDIA - Building LLM Applications with Prompt Engineering, AWS Academy Cloud Architecting Badge, Cloud Computing by NPTEL, Marketing Analytics by NPTEL

### Languages Known

English, Marathi, Hindi, Sanskrit, German