

# VAIBHAVI JAIN

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linkedin.com

github.com

leetcode.com

## TECHNICAL SKILLS

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**Languages:** C, C++, Python, Java, SQL, Kotlin, Dart, HTML/CSS

**Frameworks/Libraries:** React.js, Node.js, Firebase, Jetpack Compose

**Machine Learning/AI:** PyTorch, TensorFlow, OpenCV, NumPy, Pandas, Scikit-learn, NLP, Vision Transformer (ViT), RAG, n8n automations

**Databases/Tools:** MySQL, MongoDB, Supabase, Git, GitHub, VS Code, Linux, AWS

**Coursework:** Data Structures & Algorithms, OOP, DBMS, AI, Operating Systems, Computer Networks

## EXPERIENCE

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### App Developer Intern

July 2025 – September 2025

Humble Coders

Patiala, Punjab

- Contributed to **production-grade Android applications**, delivering scalable features for real-world clients.
- Developed UI components and screens using **Kotlin** and **Jetpack Compose**.
- Integrated **Firebase Authentication** for secure login and session management.
- Applied the **MVVM architecture** and connected **custom API workflows** to enhance modularity and maintainability.

## PROJECTS

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### AI MCP Travel Planner | Python, Streamlit, Groq API, SQLite, Plotly

February 2026

- Built an **AI-powered travel planning platform** generating personalized multi-day itineraries using large language models with real-time accommodation, weather, and location data.
- Integrated interactive **budget visualizations, live maps, and smart scheduling** with automated multi-currency budget normalization.
- Implemented **persistent trip management**, professional PDF and calendar exports, and real-time data pipelines for production-ready usability.

### ScholarFlow | Flask, React, LED Transformers, Supabase

October 2025

- Developed an agentic research summarization platform using **LED Transformers**, multi-agent NLP pipelines, and **SciBERT** for structured insights and long-document processing.
- Built scalable **Flask + Supabase** backend for authentication, PDF ingestion, cloud storage, and analytics with a responsive React frontend.
- Optimized inference pipelines achieving **10–30 seconds** processing per research paper with improved throughput.

## ACHIEVEMENTS

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- Winner of **Agentic AI Hackathon** (April 2026) for building an innovative AI-agent using n8n.
- Solved **200+** Data Structures and Algorithms problems on **LeetCode** across topics like **dynamic programming, graphs, and greedy algorithms**.

## EDUCATION

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### Bachelor of Technology, Computer Engineering

Aug 2023 – June 2027

Thapar Institute of Engineering and Technology

Patiala, Punjab

- Current CGPA: 8.58

### Higher Secondary (Science Stream)

March 2021 – May 2023

St. Patrick's Junior College

Agra, Uttar Pradesh

- ISC 12th Percentage: 95.25%

## POSITIONS OF RESPONSIBILITY

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### Technical & Marketing Coordinator

April 2024 – Present

Microsoft Learn Student Chapter

Patiala, Punjab

- Led initiatives across **marketing and technical domains**, increasing community engagement and event participation.
- Coordinated the planning and execution of the chapter's flagship technical events, driving outreach and impact.

### Year Representative

April 2024

Mudra, Izhaar Cultural Event

Patiala, Punjab

- Led the **First-Year Cultural Dance Team**, overseeing choreography, rehearsals, and performance coordination.
- Served as a **student ambassador** for the first-year cohort, presenting and performing during major university events.