





# Arsalan Khateeb


## B. Tech Computer Science Student

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### Summary

I am a final-year B.Tech Computer Science student focused on AI and web development. I have hands-on internship experience building AI-powered applications and decentralized solutions, and I've enhanced full-stack projects using Next.js, Flask, and Python-based ML pipelines. Strong problem-solving, team collaboration, and rapid prototyping skills with a passion for clean user interface and practical machine learning deployments.

### Projects

- Code-Explainer**, AI-based code explainer that parses and explains code snippets across languages in human-readable steps. Tech: Next.js, Node.js, prompt engineering for LLMs. Repo: [github.com/Arsalankhateeb73/CODE-EXPLAIN](https://github.com/Arsalankhateeb73/CODE-EXPLAIN)
- Netflix Stock Data Analysis**, ML-driven data visualization and analysis of Netflix stock trends. Tech: Python, pandas, matplotlib, scikit-learn. Repo: [github.com/Arsalankhateeb73/Netflixstock data analysis](https://github.com/Arsalankhateeb73/Netflixstock%20data%20analysis)
- AI Climate Simulator**, Worked on UI enhancements and frontend polish for an AI-based climate simulation tool. Tech: React, UI/UX improvements.
- Fitty**, Fitness tracker to monitor weight-loss/gain journeys. Tech: Flask, HTML/CSS, JavaScript. Repo: [github.com/Arsalankhateeb73/-Fitty-simple-fitness-tracker](https://github.com/Arsalankhateeb73/-Fitty-simple-fitness-tracker)

### Internship

- AI & Decentralized Intern**, OpenXAI & Blockseblock Labs 08/2025 – 09/2025 Remote
- Improved and integrated ML models into web frontends (Next.js) and backend APIs (Flask/Python).
  - Implemented end-to-end model training workflows: data preprocessing, model training, evaluation, and lightweight deployment.
  - Contributed to decentralized application concepts and collaborated on cross-functional product features.
  - Led UI improvements on several projects to enhance usability and accessibility.

### Skills

- |  |   |
|--|---|
| <b>Programming</b><br>C, C++, Python, JavaScript     | <b>Web &amp; Frontend</b><br>HTML5, CSS3, React, Next.js, responsive design                     |
| <b>Backend &amp; Databases</b><br>Flask, SQL         | <b>Machine Learning</b><br>scikit-learn, basic TensorFlow, data preprocessing, model evaluation |
| <b>Tools</b><br>Git, Docker, GitHub Actions, VS Code | <b>Other</b><br>Prompt Engineering, UI/UX improvements, prototyping                             |

### Certifications

- |   |   |   |
|---|---|---|
| <b>C++ Programming</b>                                | <b>C for Beginners</b><br>(Great Learning)            | <b>Introduction to Generative AI</b><br>(Google Cloud at Simplilearn) |
| <b>SQL Projects for Beginners</b><br>(Great Learning) | <b>HTML, CSS, JavaScript</b><br>(Infosys Springboard) | <b>Introduction to Prompt Engineering</b><br>(Simplilearn)            |

### Education

**B.Tech in Computer Science**, Dr. Babasaheb Ambedkar Technological University  
CGPA: 7.9/10

2022 – 2026  
Ambajogai, Maharashtra