

Profile Summary

Final-year B.Tech student at IIT Dharwad with solid expertise in full-stack development (MERN stack) and hands-on experience in AI/ML systems including RAG pipelines, LangChain agents, and NLP-based ranking. Solved 800+ LeetCode problems (rating: 1670, top 16% globally). Open to SDE and AI/ML engineering roles where I can build scalable, intelligent software solutions. Passionate about building impactful AI-driven products with strong problem-solving and system design skills.

Education

Tier 1 College

Dec. 2022 – May 2026

Experience

Software Development Intern – Axes in ExcessMay 2025 - July 2025

- Designed UI/UX for an architectural website to showcase parametric and facade systems clearly and professionally.
- Built a structured project gallery and library using **React** to display real client facade projects effectively and efficiently.
- Implemented fully responsive layouts for desktop and mobile devices using **CSS Flexbox** and **Grid** techniques.
- Ensured clean and maintainable front-end code using **component-based architecture** and **Git** workflows reliably efficiently.

Projects

QuickShow – Online Show Booking Platform2026 Live Preview 

Tools: MongoDB, Express.js, React.js, Node.js, Inngest, Clerk, Stripe, Tailwind CSS, TMDB API

- Built a **full-stack movie booking web application** using the **MERN stack** with a modern UI and scalable architecture.
- Implemented **authentication** using **Clerk** and integrated **Stripe** for secure ticket payments processing system.
- Enabled users to **browse, favorite, and book movies** using real-time data from the **TMDB API** service.
- Designed **responsive UI with Tailwind CSS** and managed workflows using **Inngest** for background event handling.

Movie Match – AI Movie Recommendation System2025 Live Preview 

Tools: React, Tailwind CSS, Node.js, Express.js, NLP (BM25) OMDb API

- Built an AI-powered movie recommendation app using **BM25 ranking** for highly relevant movie suggestions.
- Developed a modular **Node.js backend** with controllers, routes, and middleware for scalable REST API architecture.
- Integrated **OMDb API** for posters and **IMDb metadata**, and deployed the full-stack app on **Vercel platform**.

YtChat | Conversational AI Agent for YouTube Videos2025 

Tools: MERN, Gemini API, LangChain, PostgreSQL, NeonDB, BrightData, Tailwind CSS, Vercel

- Built a **RAG-based AI chatbot** using **Gemini 1.5 Flash**, **LangChain ReAct Agent**, and tool-calling support.
- Developed scalable backend services using **Node.js**, **Express.js**, and a responsive frontend using **React** and REST APIs.
- Created a **data pipeline** with **BrightData**, **NeonDB**, and **Gemini embeddings** for transcript search responses.

Achievements

- Solved **800+ problems** on LeetCode with a **rating of 1700**, placing among the **top 16% of users globally**.
- Earned **15+ badges** on LeetCode, including the **365 Days Submission Badge**.

Skills

- Programming Languages:** C, C++, OOPS, Python, JavaScript
- Web Technologies:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, MySQL, Flask, Tailwind CSS
- Data Science & Machine Learning:** NumPy, Pandas, Matplotlib, Regression, Classification, NLP, RAG Systems
- Core Competencies:** Data Structures and Algorithms, Operating Systems(OS), Database Management Systems
- Mathematics:** Linear Algebra, Probability, Statistics, Differential Calculus, Integral Calculus, Data Analysis
- Software & Tools:** VS Code, Git, GitHub, MATLAB, Postman, MySQL Workbench, Jupyter Notebook, Docker, LATEX

Key Courses

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|------------------------------------|----------------------|-----------------|
| • C | • Python | • DSA |
| • Deep Learning and Neural Network | • Probability Models | • Data Analysis |

Certifications

Data Structures and Algorithms – C++	2023	Certificate
Machine Learning and Deep Learning	2024	Certificate