

DIYA JINDAL

Mysuru 570008, Karnataka

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Objective

Motivated and detail-oriented B.Tech Computer Science student with strong foundations in data structures, web development, and applied AI. Looking for an internship opportunity to apply skills in cloud, agile software development, and intelligent automation while contributing to impactful real-world projects.

Education

The National Institute Of Engineering, Mysuru

Sep. 2023 – July 2027

B.E.in Computer Science and Engineering

Mysuru, Karnataka

Relevant Coursework

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|----------------------------------|------------------------------|---|-------------------------------|
| • Data Structures and Algorithms | • Database Management System | • Artificial Intelligence
• Cloud Fundamentals | • Object-Oriented Programming |
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Skills

Programming Languages: Python, Java, C

Web and Frameworks: Node.js, Express, React.js, HTML/CSS

Developer Tools: Cursor AI, VS Code, Git, GitHub, IntelliJ IDEA, Eclipse

Databases: MongoDB, MySQL

Cloud: Basics of AWS

Projects

AI Codebase Chatbot (RAG) | *Python, LangChain, OpenAI GPT-3.5 API, ChromaDB, Streamlit*

- Developed a Retrieval-Augmented Generation (RAG) chatbot that answers natural language queries from codebases and documents.
- Implemented document embedding using ChromaDB and retrieval via LangChain, with answer generation powered by OpenAI's GPT-3.5 API.
- Designed an intuitive Streamlit-based frontend and achieved 80 percent accuracy in contextual Q and A responses.

Personal Portfolio Website | *React.js, GitHub Pages, Animate on Scroll (AOS), HTML5, CSS3*

- Built and deployed a fully responsive portfolio website using React.js, showcasing personal AI, ML, and web projects.
- Hosted the site on GitHub Pages with mobile-first design and optimized load performance.
- Integrated AOS for scroll animations and structured SEO-friendly sections like About Me, Skills, and Resume Download.

To-Do List Application | *HTML5, CSS3, JavaScript*

- Designed and developed a responsive task management web app allowing users to add, edit, delete, and filter to-do tasks in real-time.
- Implemented localStorage integration to persist tasks across sessions, ensuring a seamless user experience.
- Organized modular codebase using clean JavaScript structure and styled UI with custom CSS animations and transitions.

Leadership and Extracurricular

- Core Member, Coding Club – Participated in weekly DSA problem-solving sessions and peer-led workshops focused on competitive programming and system design fundamentals.
- Assisted in organizing and evaluating intra-college coding competitions using platforms like HackerRank and Codeforces.
- Participated in AI-focused internal hackathons, building real-time apps using OpenAI GPT-3.5 API, Firebase (Firestore/Auth), and React.js under time constraints.
- Completed industry-relevant certifications including: Mathematics for Machine Learning: Linear Algebra Imperial College London – Coursera
Completed: January 2024
- Data Structures in C University of Michigan – Coursera
Completed: December 2024
- Probability and Statistics for Machine Learning and Data Science DeepLearning.AI – Coursera
Completed: January 2024