

Ankrit Jarngal

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Education

National Institute of Technology Srinagar, Jammu & Kashmir, India
B.Tech. in Computer Science & Engineering

Aug 2023 – May 2027
CGPA: 8.68

Experience

Fullstack Development Intern, AsynzX Computing (Bangalore, India) [Remote] May 2025 – Present

- Translates UI/UX designs from Figma into pixel-perfect, responsive React components while building and integrating the corresponding Node.js and Express REST APIs for full-stack functionality.
- Manages application state and collaborates within a team environment using Git for version control, contributing to the entire development lifecycle from concept to deployment.

Generative AI Intern, AgentsMadeEasy LLC (Dupont Ave, Delaware, USA) [Remote] Mar 2025 – Apr 2025

- Performed comprehensive testing on a no-code AI platform, identifying and documenting over 30 bugs with clear steps for reproduction to accelerate the debugging process for the development team.
- Provided actionable feedback on UI/UX flows and platform stability, with suggestions being incorporated into subsequent development sprints to improve the overall end-user experience.

Achievements

- **Hackathon Runner-Up, NIT Srinagar:** Secured 2nd place among 20+ competing teams for the *Mind Space* project, demonstrating rapid prototyping, AI integration, and user-centric design.

Projects

MCP (Model Context Protocol) Assistant

[GitHub](#) — [Live](#)

- Designed a modular, stateless AI assistant framework using a structured Model Context Protocol (MCP) to understand vague or multi-step queries through dynamic query enrichment.
- Implemented an agent-routing system with DeepSeek models for intent recognition and integrated Google APIs to execute real-world tasks like event creation and email composition.
- **Tech:** ReactJS, Node.js, Express, OpenRouter (DeepSeek), Intent Recognition, Google APIs.

Mind Space (Privacy-First AI Journal)

[GitHub](#) — [Live](#)

- Co-created a journaling app with on-device encrypted storage, ensuring all user data remains secure and private.
- Integrated a personalized AI chatbot that uses a personality questionnaire to tailor responses and provide contextual, empathetic support for mental wellness.
- **Tech:** ReactJS, AI Integration, On-Device Encryption, Prompt Engineering.

Other Projects:

- **AI Resume Analyzer:** Built a full-stack app using NLP, a web scraper, and Pinecone (vector DB) to parse resumes and match skills with scraped internship listings. [GitHub](#) — [Live](#)
- **Tilted Walking:** Developed a reinforcement learning agent using the Q-learning algorithm and a custom physics engine to teach an AI to balance on a tightrope. [GitHub](#)

Technical Skills

Languages: C, C++, Java, JavaScript, TypeScript, Python, Go

Dev Tools: ReactJS, Next.js, Node.js, Express, Tailwind CSS, Git, Docker, Vercel

Databases: MongoDB, PostgreSQL, Pinecone (Vector DB)

AI/ML: NLP, Reinforcement Learning (Q-Learning), Prompt Engineering, Vector Search

Subjects

DSA, OOP, Web Development, Software Engineering, DBMS, CN, Discrete Math ,OS