

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

- Engineered 3 production-grade websites for diverse clients, converting Figma designs into responsive React components and integrating Node.js + Express REST APIs.
- Optimized application state management, implemented reusable components, enforced best practices in Git, and enhanced UX/UI with dynamic features, mobile responsiveness, improving deployment efficiency by 30%.

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

- Conducted end-to-end testing of a no-code AI platform, identifying 30+ reproducible bugs, accelerating release cycles, and delivered actionable UI/UX recommendations that improved usability, accessibility, and AI workflow accuracy.

Achievements

- Hackathon Runner-Up, NIT Srinagar:** Achieved 2nd place among 20+ teams for the *Mind Space* project, recognized for rapid prototyping, AI-driven features, and user-centric design.

Projects

Dungeon Explorer: Real-Time Multiplayer Roguelike Game Engine

[GitHub](#) — [Live](#)

- Developed a turn-based multiplayer roguelike with a concurrent Go backend managing multiple 5-player sessions using goroutines and channels.
- Designed procedural dungeons with Random Walk and corridor-carving, generating fully unique, fully connected maps featuring loot, healing fountains, and guarded exits.
- Programmed AI monsters (Goblins, Ogres, Bats, Guardians) with multi-state behavior: wander, chase, attack, and return; incorporated Fog of War and shared vision mechanics for team strategy.
- Engineered WebSocket-based command protocol for synchronized turns and authoritative game state across clients, handling 100+ concurrent commands per second.
- Tech:** Go (Goroutines, Channels, gorilla/websocket), JSON Protocols, ReactJS (Canvas, Hooks), Tailwind CSS

MCP (Model Context Protocol) Assistant

[GitHub](#) — [Live](#)

- Architected a modular AI assistant framework using Model Context Protocol (MCP) for multi-step query resolution and dynamic context enrichment.
- Designed multi-model structure where specialized LLMs handle intent recognition, summarization, and task automation; integrated Google APIs for scheduling, emails, and event management, achieving 90% accurate intent recognition in testing.
- Tech:** ReactJS, Node.js, Express, Gemini 2.5 Flash, Google APIs

Other Projects

AI Resume Analyzer & Internship Recommender

[GitHub](#) — [Live](#)

Developed a resume parser that scores resumes, finds matching Resumes using Pinecone vector DB, and recommends internships via automated web scraping of internshala.

Mind Space (Privacy-First AI Journal)

[GitHub](#) — [Live](#)

Engineered an on-device encrypted journaling app with a personalized AI chatbot that analyzes user mood, offers actionable insights, and recommends personalized tasks.

Technical Skills

Languages: C, C++, 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, Automation

Subjects

DSA, OOP, Web Development, Software Engineering,
DBMS, Discrete Math, OS, Python, C programming