

Ankrit Jarngal

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Education

National Institute of Technology Srinagar, J&K

Bachelor of Technology in Computer Science & Engineering

August 2023 – May 2027

CGPA: 8.68

Kendriya Vidyalaya, Hiranagar (CBSE Board)

Senior Secondary (XII) - 93.00% (2022), Secondary (X) - 91.20% (2020)

Experience

Fullstack Development Intern, AsynzX Computing

May 2025 – Present

- Developing responsive websites using ReactJS and Node.js.
- Collaborating remotely with team and integrating frontend with backend APIs.
- Using Figma for UI design and implementation.
- **Tech:** ReactJS, Node.js, Python, Figma.

Generative AI Intern, AgentsMadeEasy LLC

March 2025 - April 2025

- Conducted comprehensive testing of the company's no-code AI platform, identifying and documenting bugs and performance issues.
- Collaborated with development team to improve user experience and platform stability.
- Contributed to development of generative AI solutions in a remote work environment.

Web Developer, Techvaganza, NIT Srinagar

Aug 2024 – Oct 2024

- Developed event management tools including QR scanning & participant registration.
- Contributed to Techvaganza website development and feature enhancements.
- Managed servers for over 2500 users, addressing registration issues.

Projects

MCP (Model Context Protocol) Assistant GitHub

- **currently working on**
- Designed a modular, stateless AI assistant framework capable of understanding vague or multi-step queries using structured Model Context Protocol (MCP).
- Implemented dynamic query enrichment using OpenRouter API and Meta's LLaMA 3.3 model for context reasoning and intent recognition.
- Integrated real-world services like Google Calendar and Gmail to execute tasks such as event creation, email composition, and task management.
- Built a robust agent-routing system with intelligent fallback handling and action execution layers for seamless user experience.
- **Tech:** JavaScript, Node.js, Express, OpenRouter API, Metta LLaMA 3.3, Intent Recognition, Google Calendar API, Gmail API.

AI Resume Analyzer with Internship Recommender GitHub Live

- Built an AI-powered Resume Evaluator using NLP and NER techniques.
- Extracts key details from resumes and evaluates them using AI.
- Uses vector search with Pinecone for similarity matching and enables users to browse other resumes.
- Integrated a web scraping module that fetches relevant internships from Internshala based on extracted skills.
- Provides a seamless one-click redirection to apply for internships directly on Internshala.
- Resumes are securely stored in Google Drive API.
- **Tech:** NLP, Named Entity Recognition, Pinecone, Google Drive API, Express.js, Multer, PDF Parsing, Web Scraping.

Onsite Registration System GitHub

- Developed a full-stack system for real-time participant registration and data entry for Techvaganza 2024.
- Integrated a secure backend with Node.js and PostgreSQL to handle registrations.
- Ensured seamless scalability for large events with robust database optimization.
- Used to Manage over 3000 Attendees
- **Tech:** Node.js, PostgreSQL, Express.

AI Weather Assistant GitHub

- AI-powered weather assistant using LangChain, Google Generative AI, and external APIs.
- Retrieves user location, fetches real-time weather from Tomorrow.io, generates reports with AI , Allows users to ask relevant questions to the weather.
- **Tech:** Node.js, LangChain, Google AI, IP Geolocation API, Weather API.

News Sentiment Analysis GitHub

- Fetches news from Google RSS, analyzes sentiment using DistilBERT, generates AI-powered reports.
- Uses NLP to extract key tokens and categorizes news as positive/negative.
- **Tech:** Node.js, Xenova/Transformers, Google AI, RSS Parser, NLP.

QR Scanner GitHub Live

- Created a QR scanner for event participant verification for the Techvaganza 2024.
- Integrated a backend for real-time attendance tracking and analytics.
- Used to Manage over 3000 Attendees
- **Tech:** JavaScript, HTML, CSS, Vercel.

Paytm Wallet GitHub

- Built a secure digital wallet using ReactJS and Node.js.
- Implemented JWT authentication for secure login and session management.
- Designed an ACID-compliant transaction system using MongoDB.
- **Tech:** ReactJS, Node.js, MongoDB, JWT.

Technical Skills

Languages: C, C++ , Java, Rust, Python, JavaScript, TypeScript, SQL

Frameworks/Libraries: ReactJS, Next.js, Node.js, Express.js, Tailwind CSS

Tools: Git, VS Code, Neovim, Bash, Vercel, REST APIs, JWT Authentication, Figma

Databases: MongoDB, MySQL, PostgreSQL, Cloudinary

Soft Skills: Problem-Solving, Analytical Thinking, Team Collaboration

Subjects

C Programming, Software Engineering, Object-Oriented Programming (OOP), Data Structures & Algorithms, Web Development, Database Management Systems, Discrete Mathematics, Computer Networks,Web development

Interests

Creative Writing, Full-Stack Development, Systems Programming, Open Source Contribution, Chess, Reading