Ankrit Jarngal

+91 9858333163 | ankrit4fin@gmail.com | LinkedIn | GitHub

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

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 1000 users, addressing registration issues.

Projects

QR Scanner GitHub Live
- Created a QR scanner for event participant verification.
- Integrated a backend for real-time attendance tracking and analytics.
- Optimized scanning speed and accuracy for large-scale events.
- **Tech:** JavaScript, HTML, CSS, Vercel.

Resume Evaluator GitHub Live
- Built an AI-powered Resume Evaluator using NLP and NER techniques.
- Extracts key details from resumes and evaluates them based on predefined scoring criteria.
- Uses vector search with Pinecone for similarity matching and enables users to browse other resumes.
- Resumes are securely stored in Cloudinary.
- **Tech:** NLP, Named Entity Recognition, Pinecone, Cloudinary, Express.js, Multer, PDF Parsing.

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.
- **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.
- **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.

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.

HTTP Server in C GitHub
- Developed a lightweight HTTP server using Winsock in C.
- Implemented request parsing and response generation.
- Built a basic HTTP response system supporting headers and content delivery.
- **Tech:** C, Winsock, TCP/IP Networking.

Portfolio Website GitHub Live
- Developed a personal portfolio using ReactJS with a responsive UI.
- Designed interactive animations and smooth page transitions.
- Implemented real-time content updates with optimized performance.
- **Tech:** ReactJS, Tailwind CSS, Vercel.

Technical Skills

Languages: C, C++, Java, Rust, Python, JavaScript, TypeScript, SQL
Frameworks: Next.js, Node.js, Express.js, ReactJS, Tailwind CSS
Developer Tools: Git, VS Code, Neovim, Bash, Vercel, REST APIs, JWT Authentication
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, Operating Systems, Computer Networks

Interests

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