Ishanth G

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Education

BMS College Of Engineering — Bengaluru, Karnataka
Bachelor of Engineering in computer science and data science - CGPA : 9.39/10 — *Sep. 2028 – Present*

Vidya Mandir Ind PU College — Bengaluru, Karnataka
Karnataka Secondary Education Examination Board - Class 12 - Percentage : 96.5% — *June. 2022 – May. 2024*

Jindal Public School — Bengaluru, Karnataka
Karnataka Secondary Education Examination Board - Class 10 - Percentage : 99.2% — *2011 – 2022*

Projects

DocuMind - Production-Grade RAG System | *Python, LangChain, LangGraph, FastAPI* | GitHub

- Engineered a modular RAG pipeline using LangChain and LangGraph for document ingestion, chunking, embeddings, retrieval, and LLM orchestration.
- Integrated Qdrant for vector storage and semantic retrieval, with LLM Guardrails, Gateway, and caching to improve reliability, latency, and inference efficiency.
- Added Logfire observability and Groq inference to trace LLM workflows, monitor performance, and enable low-latency real-time document querying.

Wanderers - Travel Planning Platform | *Node.js, Express.js, MongoDB, HTML/CSS/JS* | GitHub

- Developed a full-stack travel platform for discovering destinations, exploring activities, and creating personalized travel itineraries.
- Built RESTful APIs using Node.js and Express.js with MongoDB for managing users, destinations, trips, and travel content.
- Implemented destination search, trip organization, and recommendation features with a responsive and user-friendly interface.

Campus Cravings - Canteen Food Delivery Web App | *MERN Stack* | GitHub

- Built a full-stack food ordering platform enabling students and staff to browse menus, place orders, and track order status online.
- Developed RESTful APIs with Node.js, Express.js, and MongoDB for user management, menu items, cart operations, and order processing.
- Designed a responsive frontend with React.js for menu browsing, cart management, checkout, and order tracking.

Technical Skills & Interests

Languages: C++, Java, Python, JavaScript, SQL, HTML/CSS, R
Web & Backend: React.js, Node.js, Express.js, FastAPI, Flask
AI/ML: LangChain, LangGraph, Qdrant, Groq, Logfire, LLM Guardrails
Databases: PostgreSQL, MySQL, MongoDB
Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks, Machine Learning, Basic System Design
Tools: Git, GitHub, Docker, VS Code
Interests: Cricket, Football, Coding, Swimming

Achievements

Smart India Hackathon 2026: Cleared internal hackathon with Team Bharat Gig.
LeetCode: 500+ problems, maximum rating 1689.
GeeksforGeeks: 70+ problems solved.
Codeforces: 60+ problems solved.
Football: Represented school junior and senior teams at the district level and won multiple inter-college football cups.