

Vishnuhari V A

Backend Developer
Web and App Developer
Junior (3rd) Year Student

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GitHub | LinkedIn
Portfolio Website | LeetCode

Education

B.Tech - Computer Science and Engineering Federal Institute of Science and Technology (FISAT)	2022 – 2026(Expected) CGPA : 8.86/10 (up to Semester VI)
Higher Secondary Education (12th Grade CBSE) Bharathiya Vidya Bhavan, Kodungallur	2020-2022 91%
Secondary Education (10th Grade CBSE) Bharathiya Vidya Bhavan, Kodungallur	2020 93.4%

Skills

Programming Languages: Python, JavaScript, Java, Dart, C, HTML, CSS
Frontend: React, Next.js, Tailwind CSS, Material-UI, Flutter
Backend: FastAPI, Express, Flask, Node.js, Django
Database: PostgreSQL, MongoDB, MySQL, SQLite, Firebase, Oracle
Tools: Git/Github, Docker, AWS, Vercel, Netlify, Chatgpt API, Gemini, Huggingface

Projects

Prathibhimb AI (Instant chart generation with AI) Built an AI-powered chart generation tool delivering dynamic visualizations in under 2 minutes. Reduced chart creation time by 92% through seamless platform embedding and automated workflows . Technologies Used: FastAPI, React,Vite, Recharts, ChatGPT API (local processing in secure servers).	GitHub Website
Food Redistribution System Developed a Flutter-based app connecting 100+ event organizers with users for surplus food redistribution . Achieved a 75% reduction in event food wastage using location-based notifications and prebooking systems . Technologies Used: Flutter, Firebase (Firebase Cloud Messaging for notifications).	GitHub Website
Certificate Generation and Verification System Automated the creation and verification of 500+ certificates in a go, reducing paperwork by 65% Integrated QR code and name-based search functionality, reducing manual verification time by 95% Technologies Used: Python (certificate generation), Next.js (frontend), MongoDB (Database), Express (Backend)	GitHub Website
Disaster Management System Built a real-time disaster alert app with geofencing notifications and user-generated alerts, covering events like floods, landslides, wild animal encounter and roadblocks. Reduced emergency response time by 30% through real-time alerts to nearby residents and authorities. Technologies Used: Flutter, Firebase (Firebase Cloud Messaging for notifications).	GitHub Website
Student Support Bot Created a Telegram bot with a PostgreSQL database for managing notes, assignments, and previous year questions, streamlining resource sharing for 500+ students . Optimized admin and user roles, reducing manual administrative tasks by 80% and improving accessibility for students. Technologies Used: Express, PostgreSQL, Telegram API.	GitHub Website

Achievements

- 1st Runner-Up** at the **IEEE WIEvE EPILOGUE 2.0 Hackathon** conducted by IEEE CS SBC FISAT and IEEE EdSoc Kerala Chapter
- 1st Prize** in **Bytecode**, a programming competition by IEEE, focusing on writing **efficient** and **concise code**.
- 1st Prize** in the **Design Challenge**, a competition aimed a **solving departmental challenges** by developing a **Certificate management system** that streamlined the issuance and verification process.
- Ranked** among the **Top 8** in **HackFit**, a 36-hour hackathon by ICEFOSS, surpassing 48 competing teams from Kerala.

Experience

Media Lead, ACM & IEEE (FISAT SB) Organized and contributed to events such as V-Fiesta 2.0 , Edge+ 3.0 , IceFoss and Codemap Bootcamp Conducted workshops on C programming , Python, and emerging technologies in collaboration with organizations like IEEE PIE Kerala Section with more than 400+ participants from various parts of state Volunteered in E-Yantra a 2 day National Conclave (Ministry of Education -funded program by IIT Bombay), assisting robotics enthusiasts across India with technical support.
Open Source Contributions Translated ProjectHut's documentation into Malayalam, ensuring accurate localization for enhanced accessibility and workflow efficiency .