Vinay Naik V

Portfolio: vinay2522.github.io/portfolio_updated
GitHub: github.com/vinay2522

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EDUCATION

•Siddaganga Institute of Technology *Nov 2022 - Present*
Bachelor of Engineering in Computer Science | GPA: 9.06/10 Tumkur, India

•Seshadripuram PU College *Feb 2020 - Apr 2022*
Pre-University (PCMB) | 93% Aggregate Tumkur, India

•Chirec Public School *Graduated 2020*
High School (SSLC) | 95.84% Aggregate Madhugiri, India

TECHNICAL SKILLS

Languages: Java, C, JavaScript, HTML, CSS, MySql
Frameworks: Node.js, ExpressJs
Concepts: Operating System(OS), Software Testing, DBMS, DSA, CN
Databases: MySQL, MongoDB
Tools: Git, VS code

PROJECTS

•Secured Evidence Chain Blockchain *github.com/vinay2522/Hackcult*
- Developed a blockchain-based web app to securely store and track digital evidence using Ethereum, Solidity, and IPFS
- Implemented AES/RSA encryption for restricted access and smart contracts for immutable, auditable logs
- Enabled role-based access control and integrated React.js, Web3.js, and Node.js for full-stack functionality

•AI-Based Ambulance Dispatch Prediction *github.com/vinay2522/Temp-mini_project*
- Reduced ambulance dispatch delays by 60%+ by integrating ML-driven emergency demand forecasting (Python, scikit-learn)
- Developed full-stack web app using MERN stack with dynamic ambulance allocation and real-time user location tracking

•Plant Disease Detection Model *github.com/vinay2522/plant_disease*
- Built CNN using TensorFlow/Keras to identify plant diseases from leaf images with high accuracy
- Integrated model into user-friendly web interface using HTML, CSS, JavaScript, and Flask

•ServerLess URL Shortener *AWS URL Shortener*
- Built serverless web application to shorten long URLs using AWS Lambda, API Gateway, S3, and DynamoDB
- Implemented unique short code generator and redirect mechanism with custom domain routing

ACHIEVEMENTS

•3rd Place in HackkShtera National-Level Hackathon (2024): Secured recognition in cybersecurity, competing against top-tier teams nationwide (VVCE College, Mysore)

•Hackathon Participation: Demonstrated problem-solving and innovation in 7+ hackathons (SIH 2024, HackkShtera, etc.)

CERTIFICATIONS

•Data Structures & Algorithms: GeeksforGeeks (GFG)

•Full Stack Web Development Bootcamp: NullClass

•Java Programming Masterclass: Udemy