



NITHYASARATHI M

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EDUCATION

B.E(CSE) - Sri Eshwar College of Engineering, Coimbatore CGPA: 8.74 (up to 3 rd semester)	2023-2027
HSC – Bharathiyar Higher Secondary School, Attur 95.6%	2021-2023
SSLC – Sri Saradha Mandir Matric Higher Secondary School, Salem 97.8%	2019-2021

INTERNSHIP

Full Stack Developer Intern – QuantumPulse Technologies Pvt. Ltd. **FEB 2025**

- Made the entire platform **100% responsive** using Tailwind CSS, improving mobile usability across all screen sizes.
- Implemented real-time visual reports using charting libraries, resulting in a **30% increase** in user interaction.
- Optimized backend logic, reducing API response time and **increasing efficiency by over 60%**.
- **Refactored and secured 20+ APIs**, making them significantly **lighter, faster, and more maintainable**.

PROJECTS

Project management & collaboration tool: Tech stack: MERN, socket.io, Cloudinary. **MAR 2025**

- Built a full-stack academic collaboration tool for **50+ users** with real-time chat powered by Socket.io.
- Integrated a Kanban board and Cloudinary storage, leading to a **75% improvement in task clarity** and tracking.
- Designed a **100% responsive UI** with Tailwind CSS and Framer Motion, doubling average session duration.
- Boosted **team coordination by 60%**, achieving **3x faster turnaround** in project workflows.
- Developed **30+ modular RESTful APIs** using Express.js, ensuring clean separation of logic and smooth data flow.

Blog Application: Tech stack: MERN stack **JAN 2025**

- Developed & deployed a full-stack blog app with RBAC and post management using the **MERN stack**.
- Created a mobile-friendly UI with **React and Bootstrap**, improving **user experience by 35%**.
- Supports **50+ users** with stable performance and **99.5% uptime**.
- Improved page load speed by **1.2 seconds** with proper **error handling** and clean structure.

TECHNICAL SKILLS

Languages - C Java Python C++ JavaScript	Frameworks - React JS Tailwind CSS Express JS
Core Concepts - DSA OOPS DBMS	Query Language - MySQL MongoDB
Web Technologies - HTML CSS JavaScript	Tools - VS Code Cisco Packet Tracer Eclipse GitHub

CERTIFICATIONS

Paper Published - Smart Problem-solving using AI-driven Resource Kit	FEB 2025
Coursera – React basics	JAN 2025
Udemy – Learn Java Programming – Beginner to Master	OCT 2024
Hackerrank – Python Problem solving (basics) SQL (basics)	OCT 2024
Udemy – Mastering Data Structures and Algorithms Using C & C++	JUN 2024
Infosys Springboard – Python Foundation Certification	JUN 2024

ACHIEVEMENTS

LEETCODE: 1680 (max: 1680) | **CODEFORCES:** 655 (max: 655) | **CODECHEF:** 1162 (max: 1162)

Best Student Researcher Award'25 of the Institution	APR 2025
Achieved 2 nd position in Freshathon project expo	MAY 2024
Achieved 2 nd position in Portfoliofest for portfolio design	NOV 2024
Secured 5 th position in Self-E hackathon in Sri Eshwar College of Engineering	OCT 2023