

NISHANTH. G



Aspiring Full Stack Developer (React | Node.js | Python)

Results-driven Full Stack Developer with a foundation in engineering and over 3 years of professional experience in commissioning industrial systems. Recently transitioned into full-stack web development with hands-on skills in building scalable, responsive, and API-driven applications using React.js, Node.js, Flask, and MongoDB. Strong problem-solving abilities, collaborative mindset, and a proven track record of adapting quickly to new technologies.

WORK EXPERIENCE

- Nilsan Nishotech Pvt. Ltd, Mumbai** FEB 2023 - JUNE 2025
Commissioning Engineer
 - Delivered 8+ projects, including 3 turnkey solutions for pharmaceutical-grade water systems, overseeing installation, IQ/OQ/CSV validation, and GMP-compliant documentation. Ensured 100% operational readiness of high-purity systems such as PW, WFI, and CIP through effective troubleshooting and technical leadership.
- Hydrotech Engineering Services, Trivandrum** NOV 2020 - JAN 2023
Senior Project Engineer
 - Spearheaded the design, cost optimization, and end-to-end execution of wastewater and water treatment plants, including STP, ETP, and RO systems, while mentoring cross-functional teams.
- WTT Technology Services, Tiruppur** JUL 2019 - OCT 2020
GET / Lab Chemist
 - Conducted critical water quality analysis and preventive maintenance of effluent treatment systems, optimizing performance through lab diagnostics and biological process monitoring.

PROJECTS

- Personal Porfolio Website** 
Developed a full-stack personal portfolio website to showcase technical skills, projects, and certifications. The front end is built using HTML, CSS, and JavaScript for a responsive and interactive user experience. Integrated a Node.js and Express.js backend to handle form submissions, reflecting practical implementation of both client-side and server-side development.
- Smart To-Do List app** 
A responsive, full-featured ToDo List application designed to enhance productivity with real-time features and clean UI. Includes task creation, editing, deletion, search, filter (by status, priority, date), and local storage support. Built with modern UI elements like dark/light mode toggle, icons, animations, and a Node.js backend API for task management. Designed with full mobile responsiveness and clean modular code, making it suitable for production-ready environments.

-  Trivandrum, Kerala
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SKILLS

Languages: Python, JavaScript (ES6), HTML5, CSS3
Frontend: React.js, Bootstrap
Backend: Node.js, Express.js, Flask
Database: MongoDB, PostgreSQL, SQLite, SQLAlchemy
Tools & Platforms: Git, VS Code, Postman, PythonAnywhere, Excel
Libraries & Frameworks: Pandas, BeautifulSoup, Selenium, WTForms
AI Tools: Cursor AI, Codium, ChatGPT
Others: SCADA (WinCC, Zenon), PLC (Siemens, Delta), AutoCAD, Adobe Photoshop

CERTIFICATIONS

- 100 Days of Code: Python Bootcamp (Udemy, May 2025)
- Web Development Bootcamp (Udemy, Dec 2022)
- Complete AutoCAD 2018-21 Course (Udemy, May 2021)
- Developing Soft Skills and Personality (IIT Kanpur, Sep 2017)

EDUCATION

JCT College of Engineering and Technology, Coimbatore -
B.Tech Petroleum Engineering
2015 - 2019

Nazareth HSS, Thiruvananthapuram
ISC – Science Stream (Biology)
2013 - 2015

LANGUAGE

- Malayalam (Fluent)
- Tamil (Fluent)
- English (Fluent)
- Hindi (Intermediate)