

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, Django 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

● AI Resume Matcher Application



Built a full stack AI-powered resume screening platform using React.js with Material UI for the frontend and Django REST Framework for the backend. Implemented JWT-based authentication, resume parsing with PyMuPDF, and job description matching logic. Integrated SQLite/PostgreSQL for data storage. Deployed using Vercel (frontend) and Render (backend). Enabled secure resume uploads, dynamic scoring, match history tracking, and PDF export functionality.

● Personal Portfolio 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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nishanth-g-03.github.io/ng-portfolio



github.com/nishanth-g-03

SKILLS

Languages: Python, JavaScript (ES6), HTML5, CSS3

Frontend: React.js, Bootstrap

Backend: Node.js, Express.js, Flask, Django

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: API Integrations, JWT, Code Debugging

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)