

NITHEES SJ

Full Stack Developer | DevOps Engineer (Docker)

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TECHNICAL SKILLS

Programming Languages: Java, Python, C
Frontend: HTML, CSS, JavaScript, React.js, Tailwind CSS
Backend: Node.js, Express.js, Flask
Databases: MySQL, MongoDB
DevOps & Deployment: Docker, Kubernetes, CI/CD basics, Git, GitHub
Tools & Platforms: VS Code, IntelliJ IDEA, Power BI
APIs / AI: Gemini API, Groq API

EXPERIENCE

Full Stack Developer | Task Coordinator — Mock Mentor Biz AI Dec 2025 – Jul 2026
AI-Powered Learning, Mock Interview & Skill Development Platform

- Developed AI-powered learning platform features using React, Node.js, Express, and MongoDB.
- Led feature development, task assignment, integration, testing, debugging, and deployment (Docker) across the team.
- Collaborated with cross-functional teams to design and ship scalable AI-driven platform features.
- Improved platform reliability by conducting code reviews and resolving critical bugs pre-release.

PROJECTS

Novard AI — AI-Powered Learning & Career Development Platform

Tech Stack: MongoDB, Express.js, React.js, Node.js, Docker, Gemini API, Groq API

- Built a full-stack platform delivering personalized career guidance, AI-based doubt solving, and learning support; integrated Gemini and Groq APIs for context-aware responses to academic and career queries.
- Implemented personalized learning roadmaps, project recommendations, an AI resume builder, secure user authentication, and Dockerized deployment.

AI Career Consultant — Personalized Career Guidance Platform

Tech Stack: React, Flask, MySQL, Gemini API, HTML, CSS, JavaScript

- Developed an AI-powered career guidance platform (React frontend, Flask/MySQL backend) with a recommendation engine tailored to user interests, skills, and goals.
- Integrated an AI chatbot, resume guidance module, and project recommendation system using the Gemini API.

Climate-Based Crop Yield Prediction System

Tech Stack: Deep Learning, Python

- Designed and trained a deep learning model to predict agricultural crop yield from climate and soil data, with a pipeline to clean and transform environmental datasets.
- Delivered forecasts through a usable interface to support data-driven agricultural planning.

Trie-Based Spell Checking System

Tech Stack: Data Structures & Algorithms, Java

- Implemented a Trie data structure to power fast dictionary search and real-time spell correction, optimized for large dictionaries and low-latency lookups.

FREELANCE WORK

Web Developer — Suriya Coirs (suriyacoirs.com)

- Designed and developed a responsive business website showcasing products, company information, and contact details — delivering a professional online presence that improved customer engagement.

EDUCATION

B.E., Artificial Intelligence & Machine Learning — Kongu Engineering College	<i>CGPA: 7.78 (thru Sem 4)</i>
Higher Secondary (CBSE) — AVP Trust Public School	<i>81%</i>
Secondary (CBSE) — AVP Trust Public School	<i>82%</i>

ACHIEVEMENTS

- Winner — BIT Hacks-1 (2025) and BIT Hacks-2 (2025), Bannari Amman Institute of Technology
- Winner — HackVotrix (2025), Kongu Engineering College | Third Place — Hack-it (2025), KPR Institute of Engineering and Technology
- Solved 200+ Data Structures & Algorithms problems on LeetCode

CERTIFICATIONS

- Power BI | Advanced Data Structures using Java