

NITHISH PARAMESWARAN

📞 9843043429 @ nithishparameswaran2005@gmail.com 🔗 linkedin.com/in/nithishparameswaran 🌐 http://github.com/nisxzn
📍 coimbatore - 641 005 ☆ https://nisxzn.vercel.app/

SUMMARY

I am a motivated and adaptable engineering graduate with a strong foundation in software development and problem-solving. With an academic background in Artificial Intelligence and Data Science, I have hands-on experience building practical applications and working with modern technologies. I am eager to contribute to a challenging role, learn continuously, and deliver reliable, user-focused solutions.

EDUCATION

B.Tech in Artificial Intelligence and Data Science

Dr. NGP Institute of Technology, Coimbatore, Tamil Nadu

📅 08/2023 - 05/2027 📍 Coimbatore, India

Higher Secondary Certificate (HSC)

TNGR higher secondary school, Coimbatore, Tamil Nadu

📅 06/2022 - 05/2023 📍 Coimbatore, India

EXPERIENCE

Full Stack Web Developer Intern

Internship

📅 06/2025 - 06/2025 📍 Coimbatore, India

Accent Techno Soft (ATS), Coimbatore

- Gained practical exposure to front-end and back-end web development concepts.
- Worked on developing and understanding end-to-end web application workflows.
- Applied core web technologies to build structured and functional web components.
- Followed professional development practices including debugging and code testing.

PROJECTS

Mobile Call Management Application

📅 08/2025 - 10/2025

Project aimed at simplifying and enhancing phone call management.

- Developed an Android-based smart dialer using Jetpack Compose with a clean and responsive UI.
- Implemented contact listing, search, and call initiation by accessing device contacts.
- Integrated real-time search and filtering for faster dialing experience.

Image to HTML Converter

📅 11/2025 - 12/2025

Project focused on enhancing UI prototyping efficiency

- Developed an AI-based tool that converts static webpage screenshots into HTML and CSS
- Automated text extraction and layout detection to aid in frontend development

RAG Chatbot

📅 12/2025 - 01/2026

Project aimed at improving information retrieval through Retrieval-Augmented Generation (RAG).

- Built an intelligent document search system using vector embeddings and semantic search techniques.
- Implemented Retrieval-Augmented Generation to provide accurate, context-aware responses from uploaded documents.
- Integrated PDF processing, chunking, and knowledge base management for efficient information extraction.

LinkedIn Post Automation AI

📅 01/2026 - 02/2026

Project focused on automating LinkedIn content creation and publishing.

- Developed an AI-powered platform that generates professional LinkedIn posts using Large Language Models (LLMs).
- Automated post scheduling and publishing workflows to maintain a consistent online presence.
- Integrated content customization features based on user interests, industry trends, and engagement goals.

Immune-Based Network Diagnostics

📅 01/2026 - 02/2026

Project focused on intelligent network monitoring and fault diagnosis inspired by biological immune systems.

- Developed an anomaly detection system using Artificial Immune System (AIS) concepts to identify network abnormalities.
- Implemented real-time traffic analysis and diagnostic mechanisms for proactive fault detection.
- Enhanced network reliability by detecting suspicious patterns, performance bottlenecks, and potential security threats.

PROJECTS

Hover Dictionary Extension

📅 03/2026 - 03/2026

Project designed to simplify vocabulary learning and web reading experiences.

- Developed a browser extension that displays word meanings instantly when users hover over unfamiliar terms.
- Integrated dictionary APIs and contextual definitions for improved understanding and language learning.
- Optimized extension performance with lightweight architecture and seamless cross-website compatibility.

INTERESTS

Full Stack Web Development	DBMS	AI / ML
Data Science	Career Interest / Passion	

SKILLS

PROGRAMMING SKILLS

Java, C, Python, Java Script, Kotlin, PHP,

DB LANGUAGE

MySQL, MongoDB

WEB TECHNOLOGIES

HTML, CSS, React.js

SOFT SKILLS

Problem solving, Time Management, Team collaboration, Effective communication

CERTIFICATIONS

Design and Implementation of Human Computer Interaction - NPTEL

Earned NPTEL certification in Human-Computer Interaction, enhancing skills in user-centered design and intuitive interface development.

Human Computer Interface - NPTEL (Elite)

Earned certification from NPTEL for the Human-Computer Interaction course improving user experience design capabilities.

EXTRA CURRICULAR

Chess	Reading	Event Management
Cooking	Type Writing	

LANGUAGES

Tamil	English
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