Nithishkumar Ganesan

Fullstack Developer

Bangalore,India | gnithishdeveloper@gmail.com | +91 6383682418 | nithig | Portfolio

Results-oriented Full-stack Developer (CGPA: 8.1) with expertise in the MERN stack and AI-driven automation. Proficient in building scalable web applications and Context-Aware AI Agents using React JS, Node.js, Express.js, and Rasa. Experienced in leveraging CNNs for medical imaging and Web Speech APIs for voice-first interfaces. Proven ability to manage the full development lifecycle, from UI/UX design in Figma to complex backend logic with Python and MongoDB.

EDUCATION

Bachelor of Engineering: Computer Science — **Jun 2024**
Priyadarshini Engineering College, Vellore — 8.1 CGPA1

Higher Secondary Education — **Mar 2020**
Selva Higher Secondary School,Krishnagiri — 64.5 %

Secondary Education — **Apr 2018**
Crescent Matriculation School,Gudiyatham — 79.4 %

CERTIFICATIONS

- FullStack With Python — **Dec 2023**
- In-Plant Training — **Nov 2023**
- Cloud Essential (AWS) — **Dec 2022**
- Cloud Sandboxing with AWS & Cyber Security — **Sept 2022**
- Employability Skills Development Training — **Aug 2022**
- Project on The Future of Work (Glassdoor) — **Jun 2022**

COURSE

MERN Stack Development — **Oct 2025**
ACCIOJOB, Haryana

SKILLS

- **Programming Languages:** C++/C,Python,C#
- **FrontEnd:** React JS,HTML5,CSS3 & JS (ES6+)
- **BackEnd:** Flask,Node.js,Express.js
- **DataBase:** MySQL,MongoDB
- **UI/UX:** Figma,Wix
- **GitHub:** Git
- Problem-Solving
- Teamwork and Collaboration

PROJECTS

Voice-Activated AI Customer Advisor (Feb 2025)

- Accomplished a 95% automated query resolution rate by designing a state-aware dialogue system using Rasa and Python.
- Driven a 30% reduction in response latency by migrating to a lightweight Web Speech API frontend, optimizing user growth and engagement.
- Spearheaded complex order validation by integrating a Python Action Server to automate state-dependent CRUD operations.

Lung Cancer Detection Using CNN | Mar 2024

- Accomplished a 97% classification accuracy by optimizing Convolutional Neural Networks (CNNs) on histopathological image datasets.
- Generated a 40% improvement in diagnostic efficiency by developing high-performance TensorFlow architectures for healthcare professionals.
- Validated pattern recognition models on extensive labeled datasets to measurably improve patient outcome predictions.

LANGUAGES

- English(Professional)
- Tamil(Native)
- Telugu(Conversational)
- Kannada(Conversational)