

# Nithishkumar Ganesan

## Fullstack Developer

📍 Bangalore,India

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📁 [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

Priyadarshini Engineering College, Vellore

Jun 2024

8.1 CGPA1

#### Higher Secondary Education

Selva Higher Secondary School,Krishnagiri

Mar 2020

64.5 %

#### Secondary Education

Crescent Matriculation School,Gudiyatham

Apr 2018

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

ACCIOJOB, Haryana

Oct 2025

### SKILLS

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