

# Iniyan S K

AIML engineer

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## Career Objective

Motivated and passionate B.Tech AIML engineer with hands-on skills in MERN stack, React Native, and Python. Seeking real-world opportunities to apply full-stack knowledge in smart problem-solving environments.

## Education

2023 – 2027 **B.Tech in Artificial Intelligence and Machine Learning**, Sri Shakthi Institute of Engineering and Technology, Coimbatore  
CGPA: 8.0 (till date)

## Skills

Languages	Python, JavaScript
Web/Full Stack	MERN Stack, HTML, CSS
Frameworks	React Native, Node.js, Express.js
Machine Learning	TensorFlow, PyTorch, Scikit-Learn
Python Libraries	NumPy, Pandas
Core Concepts	Machine Learning Basics, Data Structures, REST APIs, Deployment
Cloud	AWS (Basics)
Tools	Git, VS Code, MongoDB

## Projects

IoT Sewage System	Designed an automated sewage monitoring system using water-level sensors and microcontrollers. Implemented alert mechanisms to notify authorities during potential overflow. Built real-time data reading modules for continuous monitoring. Focused on reducing health hazards through early detection.
College Hall Booking System	Developed a complete MERN stack web app for managing college hall reservations. Implemented user authentication, role-based access, and booking validation rules. Integrated a calendar-based UI for easy visualization of hall availability. Ensured smooth communication between students and admin teams.
Crop Disease Management	Created a MERN-based platform to detect and report crop diseases efficiently. Used image-based inputs combined with backend data logs for disease tracking. Enabled users to upload symptoms and receive feedback on possible diseases. Designed dashboards showing disease categories and preventive measures.

- Lendify Developing a fully user-driven peer-to-peer lending platform using the MERN stack. Allows individuals to lend or borrow money directly from other users without banks. Includes identity verification, transaction tracking, and secure request handling. Focuses on trust-based community lending with transparent communication features.
- Eatzz Building a React Native marketplace for home-cooked food powered entirely by users. Customers can post food requests, and nearby home cooks can accept and prepare orders. Includes live order updates, in-app communication, and delivery coordination. Promotes a community-driven food ecosystem connecting eaters and home chefs.
- Payroll System Created a full-stack user and office management system for automated salary generation. Supports adding/removing employees, attendance tracking, and payslip generation. Implemented a secure admin interface to manage roles and salary structure. Focused on accuracy, automation, and reducing manual HR workload.

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## Certifications

JavaScript With  
ReactJS Course

Certificate of Completion issued by Uniq Technologies.

[View Certificate](#)

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## Declaration

I hereby declare that the information provided is true to the best of my knowledge and belief.