

# KARTHIKA S

B.E - ECE (2019-2023)

+91 93452 13423

✉ karthika8849@gmail.com

📍 North Manojipatti,  
Thanjavur, Tamilnadu, India.

## SKILLS

- **Programming Languages :** C, Javascript, Typescript
- **Frontend:** React.js, Redux, HTML, CSS, Material UI
- **Backend:** Node.js, Express.js
- **Databases:** MongoDB
- **Tools:** RESTful APIs, Git, Visual studio code

## ONLINE PROFILES

🌐 **Linkedin** // [karthika1305](#)

🐙 **Github** // [Karthika-S1305](#)

🏠 **Hackerrank** // [karthika8849](#)

🔗 **Leetcode** // [karthika13](#)

## EDUCATION

**Bachelor of Engineering [ECE]**

**GPA: 8.3** **2019 - 2023**

Government College of Engineering,  
Thanjavur, TamilNadu, India.

**HSC** **2018 - 2019**

**Percentage: 72.33 %**

P.V Selvaraj girls higher secondary school,  
Thanjavur, TamilNadu, India.

**SSLC** **2016 - 2017**

**Percentage: 89 %**

P.V Selvaraj girls higher secondary school,  
Thanjavur, TamilNadu, India.

## CERTIFICATIONS

**GUVI - Naan Mudhalvan** **Nov 2022**

- Python Course Completion

**TCS iON Career Edge** **August 2020**

- Knockdown the Lockdown course

## WORK EXPERIENCE

**Merkat Intellect Technology Pvt Ltd**

**Frontend Developer**

**April 2024 - Present**

- Developed microfinance and CRM applications using React.js & Node.js, reducing data retrieval time by 30% through API optimization.
- Integrated RESTful APIs for seamless data retrieval and storage.
- Built interactive dashboards and dynamic UI components for better user experience.
- Implemented secure authentication and authorization mechanisms.

## PROJECT EXPERIENCE

**Customer Relationship Management**

**Nov 2024 - Present**

- Developing a CRM with customer management, authentication, and analytics.
- Using React.js, Node.js, and MySQL to build a scalable and efficient customer tracking system.

**Latex Mattress Website**

**Sep 2024 - Oct 2024**

- Designed a React-based website with product display pages, popups for details, and a responsive UI.
- Implemented a contact form with email functionality for customer inquiries and feedback.

**Credifie – Microfinance Application for Women Self-Help Groups**

**April 2024 – August 2024**

- Developed a microfinance web application for managing self-help groups, collection agents, and loan details.
- Integrated authentication, loan disbursement workflows, and REST APIs using React.js, Node.js, and MongoDB.

## INTERNSHIP

**Frontend Developer - Intern**

**March 2024**

- Designed a student dashboard with a secure login system and robust authentication features.

## PROJECT

**Crop Yield Prediction**

**Febraury 2023 - April 2023**

- Built a data-driven model to assist farmers in optimizing crop yields

## LANGUAGES

- English - Professional
- Tamil - Native