

## PROFESSIONAL SUMMARY

MERN Stack Developer with 1 year of experience designing and developing scalable web applications and RESTful APIs. Skilled in building responsive user interfaces, optimizing performance, and ensuring secure authentication mechanisms. Strong ability to manage front-end and back-end development tasks efficiently.

## SKILLS

- Programming Languages: JavaScript, TypeScript, C
- Frontend: React.js, Redux, Bubble.io, HTML, CSS, Material-UI
- Backend: Node.js, Express.js
- Databases: MongoDB
- Tools: RESTful APIs, Git, Visual Studio Code
- Other: API Integration, Authentication & Authorization, Responsive Design

## WORK EXPERIENCE

### Merkat Intellect Technology Pvt Ltd - MERN Stack Developer

April 2024 - Present

- Developed microfinance and CRM web applications using React.js and Node.js.
- Optimized API performance, reducing data retrieval time by 30%.
- Designed and implemented secure authentication and authorization mechanisms.
- Created dynamic UI components and interactive dashboards to enhance user experience.
- Integrated RESTful APIs for seamless data storage and retrieval.

## PROJECTS

### Customer Relationship Management

November 2024 – Present

- Developing a CRM platform focused on customer management, analytics, and authentication.
- Implementing scalable backend services using Node.js and MySQL.
- Designing a responsive and interactive frontend with React.js.

### Latex Mattress Website

September 2024 – October 2024

- Built a React-based e-commerce website featuring product display pages and detailed popups.
- Developed a contact form integrated with email functionality for customer inquiries.
- Ensured a fully responsive design across devices.

### Credifie - Microfinance Application for Women Self-Help Groups

April 2024 – August 2024

- Built a full-stack application to manage groups, agents, and loan details.
- Integrated workflows for loan disbursement and group management.
- Technologies used: React.js, Node.js, Express.js, MongoDB.

## INTERNSHIP

### Merkat Intellect Technology Pvt Ltd

March 2024

### MERN Stack Developer - Intern

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

## CODING PROFILES

- Hackerrank - [karthika8849](#)
- Leetcode - [karthika13](#)

## EDUCATION

### **Bachelor of Engineering [ECE]**

Government College of Engineering, Thanjavur, Tamil Nadu, India

GPA: 8.3 | 2019 - 2023

### **Higher Secondary Certificate (HSC)**

P.V. Selvaraj Girls Higher Secondary School, Thanjavur

Percentage: 72.33% | 2018 - 2019

### **Secondary School Leaving Certificate (SSLC)**

P.V. Selvaraj Girls Higher Secondary School, Thanjavur

Percentage: 89% | 2016 - 2017

## CERTIFICATIONS

- TCS iON Career Edge - Knockdown the Lockdown (Aug 2020)
- Python Course Completion - GUVI (Nov 2022)

## LANGUAGES

- English - Professional
- Tamil - Native