

# Venkatesh Karthan

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Web Solutions Developer — Full Stack Web Developer

## Professional Summary

Web Solutions Developer with hands-on experience in full-stack and responsive web development using **React.js**, **Node.js**, and modern web tools. Strong expertise in **RESTful API usage**, **JWT authentication**, and smooth frontend–backend flow. Proven strengths in problem-solving, teamwork, and collaboration. Actively learning **Cloud Computing** on AWS, Azure, and GCP, along with **Agile and Scrum** methods for scalable application development.

## Technical Skills

<b>Frontend:</b>	HTML5, CSS3, Bootstrap, JavaScript (ES6+), React, Responsive Design, SEO Basics
<b>Backend:</b>	Node.js, Express.js, REST APIs, JWT Authentication
<b>Databases:</b>	MongoDB, MySQL, SQLite
<b>Web Development:</b>	Web Application Development, App Development, Solution Development
<b>Tools:</b>	Git, GitHub, VS Code, npm
<b>Additional:</b>	CI/CD concepts, Cloud fundamentals
<b>Soft Skills:</b>	Problem-solving, Communication, Analytical skills, Teamwork, Adaptability

## Experience

<b>Full Stack Web Developer Trainee</b> CCBP Intensive Tech Program	Dec 2024 – Present
<ul style="list-style-type: none"><li>Develop full stack <b>web applications</b> using React, Node.js, Express.js, and databases.</li><li>Build and integrate <b>RESTful APIs</b> with secure backend services.</li><li>Participate in <b>technical planning and architectural discussions</b>.</li><li>Work in <b>Agile/Scrum-style</b> project environments with cross-functional peers.</li><li>Focus on <b>performance, scalability, and responsive UI development</b>.</li></ul>	

## Projects

<b>NxtMart – Full Stack E-Commerce Web Application</b>	Live    GitHub
<ul style="list-style-type: none"><li>Developed a responsive e-commerce web application using <b>React.js</b> and <b>Node.js</b> with a clean user interface.</li><li>Designed and implemented secure <b>RESTful APIs</b> for product, user, cart, and order management.</li><li>Implemented <b>JWT authentication</b> and <b>role-based authorization</b> for secure access control.</li><li>Optimized performance with <b>SEO-friendly architecture</b>, improving page load speed by <b>35%</b>.</li></ul>	
<b>HRMS – Human Resource Management System</b>	Live    GitHub
<ul style="list-style-type: none"><li>Developed a secure full-stack HR management system using <b>React.js</b>, <b>Node.js</b>, and <b>MySQL</b>.</li><li>Implemented <b>JWT authentication</b>, <b>role-based access control</b>, and secure RESTful APIs.</li><li>Built many-to-many employee–team relationships with <b>audit logging</b> for compliance and activity tracking.</li><li>Designed an interactive <b>admin dashboard</b> with real-time logs and organization-level data isolation.</li></ul>	

## Education

<b>Bachelor of Computer Applications (BCA)</b> City College, Hyderabad	2021 – 2024 GPA: 8.59 / 10.0
<b>CCBP Intensive Tech Program – Full Stack Development</b>	Dec 2024 – Present

## Certifications

Node.js Backend Development	React JS Frontend Development
JavaScript Essentials	Python Programming Foundations
SQL and Database Foundations	