

# Gowtham K

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## EDUCATION

### University College of Engineering, Panruti

Bachelor of Engineering in Computer Science and Engineering (CSE)

CGPA: 7.5 / 10

Panruti, Tamil Nadu | 2022 – 2026

## EXECUTIVE SUMMARY

- Passionate and results-driven **Full Stack Developer** specializing in the **MERN Stack** with a strong foundation in **TypeScript, Node.js, and REST API integration**.
- Demonstrated excellence in developing and deploying scalable web applications, including an **AI Diet Planner**, **Service Listing Platform**, and the **Official College Website**.
- Strong problem-solving mindset with a consistent focus on **Data Structures & Algorithms (DSA)** and building user-centered solutions.
- Experienced in **leading technical teams**, coordinating cross-functional projects, and mentoring juniors in modern web technologies.

## SKILLS

**Programming Languages:** C, Python, JavaScript, PHP, Java

**Frameworks & Libraries:** React.js, Node.js, Express.js, Next.js, Bootstrap

**Databases:** MongoDB, MySQL

**Cloud Platforms:** Amazon Web Services (AWS)

**Tools & Platforms:** VS Code, Git, Docker, Postman

**Technical Strengths:** Data Structures & Algorithms (DSA), MERN Stack Development

## PROJECTS

### MERN STACK SERVICE LISTING WITH OTP AUTHENTICATION

MongoDB, Express.js, React.js, Node.js (MERN Stack)

- Developed a **city-based bus listing platform** with **filters**, **OTP-based login**, **WhatsApp contact CTA**, and an **admin approval system**.
- Planned platform **monetization** through listing fees and future **AdSense integration**; designed with an **SEO-friendly** and **fully responsive UI**.
- Implemented **OTP-based user authentication**, a **star-rating system**, and **real-time contact via WhatsApp CTA** for faster hiring.

### OFFICIAL UNIVERSITY COLLEGE WEBSITE

HTML, CSS, JavaScript, PHP, MySQL, Bootstrap

- Built the **official website** for the college featuring **grievance redressal**, **announcements**, **gallery**, and **contact modules**.
- Integrated **admin login**, **event management**, and **database-driven content updates** using PHP and MySQL.

### MERN MARKETPLACE FOR CATERING PROFESSIONALS

MongoDB, Express.js, React.js, Node.js (MERN Stack)

- Developed a **platform to list and connect catering professionals** with event organizers based on city and availability.
- Implemented **secure user authentication**, a **star-rating system**, and **real-time WhatsApp CTA** for fast hiring.

## LEADERSHIP / EXTRACURRICULAR

### **COLLEGE WEB TEAM LEAD** | LEAD DEVELOPER

UCE Thirukkuvalai | Sep 2023 – Present

- Led a **4-member team** in designing and maintaining the **official college website**, coordinating tasks across **frontend and backend**.
- **Mentored juniors** in web development workshops and ensured **timely content updates** during campus events.

## ACHIEVEMENTS

- Received the **Academic Excellence Award** for contributions as **Lead Website Developer** at **University College of Engineering, Thirukkuvalai**.
- Represented **Tamil Nadu** in the **State-Level Hockey Championship**, demonstrating **teamwork** under competitive pressure.
- Delivered a **Guest Talk** on '**Modern Web Development with the MERN Stack**' during a department seminar attended by **100+ students**.