

# **GOWTHAM K**

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## **SUMMARY**

Detail-oriented Information Science Engineering student (CGPA: 9.0+) with hands-on experience in **MERN Stack development**, backend API design, and full-stack web applications. Currently working as a **MERN Stack Intern**, with strong foundations in JavaScript, React, Node.js, Express, and MongoDB. Proven ability to build scalable solutions through internships, hackathons, and real-world projects. Passionate about problem-solving, clean code, and continuous learning.

## **TECHNICAL SKILLS**

### **Programming Languages:**

JavaScript, Java, Python, C, SQL (Basic), HTML, CSS

### **Web & Full-Stack Technologies:**

React.js, Node.js, Express.js, MongoDB, REST APIs, CRUD Operations

### **Core Computer Science:**

Data Structures & Algorithms, Object-Oriented Programming, Database Management

### **Tools & Platforms:**

Git, GitHub, VS Code, npm, Blynk, IoT Sensors

### **Soft Skills:**

Problem Solving, Team Collaboration, Leadership, Communication, Time Management

## **INTERNSHIP EXPERIENCE**

### **MERN Stack Intern at WizzyBox Private Limited | Jan 2026 – Present**

- Developing full-stack web applications using **React.js, Node.js, Express.js, and MongoDB**.
- Building and integrating **RESTful APIs** for frontend-backend communication.
- Implementing CRUD operations, form handling, and data validation.
- Working with GitHub for version control and collaborative development.
- Improving backend logic, API performance, and debugging application issues.

## **EDUCATION**

### **Bachelor of Engineering (Information Science)**

Maharaja Institute of Technology, Mysore | 2022 – 2026 | **CGPA: 9+**

### **Class 12 – Science (PCMB)**

Abhinava Bharathi Composite PU College, Mandya | 2020 – 2022 | **95.16%**

## **Class 10**

Shri Venkateshwara Vidyanikethan High School, Holalu Mandya | 2018 – 2020 | **92.96%**

## **PROJECTS**

### **Multifunctional agricultural robot for automated seed sowing and farm monitoring**

- Developing an **IoT-based agricultural automation system** to reduce labor and operational cost.
- Supports precision sowing for crops such as maize, ragi, and beans.
- Integrated **Bluetooth and Blynk server** for remote monitoring and control.
- Implements digging, sowing, soil leveling, fertilizer spraying, and animal-repelling ultrasonic alerts.

### **Raita Mitra – AI-Powered Farmer & Labourer Platform**

- Built during a hackathon at Acharya Institute of Technology; ranked **Top 14 teams**.
- Designed an AI-driven system to match farmers and laborers based on skills and geolocation.
- Integrated mapping and location-based services for optimized matching.

### **Agri Network – Agricultural Knowledge Sharing Platform**

- Developed a platform integrating **YouTube APIs** to deliver educational content to farmers.
- Enabled agricultural product listings and tool price comparisons to support informed purchasing.

### **Online Leave Approval System**

- Built a web-based workflow automation system to manage employee leave requests.
- Implemented login/registration, multi-level approvals, notifications, and leave tracking.
- Reduced manual processing time by approximately **70%**.

### **Real-Time Message Alert – Emergency Response System**

- Developed a wearable emergency alert system during a hackathon at BGSIT, Mandya.
- Designed for durability (waterproof & fire-resistant), with applications in women's safety.

## **TRAINING & CERTIFICATIONS**

- Programming in Python – NPTEL
- Programming in Java – NPTEL
- Introduction to HTML – Infosys Springboard

## **ACHIEVEMENTS & LEADERSHIP**

- Secured **First Prize** at the **State-Level Project Exhibition held at NIE, Mysore** and **Second Prize at TechTatva, MIT Mysore**, for innovative project development and technical excellence.
- Actively participated in hackathons, gaining hands-on experience in real-world problem solving. Coordinated **Hackfinity Hackathon Event logistics** and **Krishi Mela** participation for peers.
- Represented college in athletics; **First Prize in Kabaddi**, demonstrating teamwork and discipline.

## **LANGUAGES**

Kannada (Native) | English (Proficient)