

VATTIKOTI GOUTHAM KUMAR

Email:-vattikotigoutham@gmail.com | +91-9491059212 | [LinkedIn](#)

Education

B.V. Raju Institute Of Technology, Narsapur, Medak <ul style="list-style-type: none">• BTECH Information technology	2022 - 2025
TRR college of technology, Hyderabad. <ul style="list-style-type: none">• Diploma Computer Engineering.	2019 - 2022
Krishnaveni talent school, Nalgonda. <ul style="list-style-type: none">• SSC (Class X)	2018 - 2019

Skills

Java | SQL | Html | CSS | OOPs Concept | React.js | Node.js

Technical Skills: JAVA, OOPS Concept.

- Frontend: React.js, HTML5, CSS3.
- Backend: Node.js, MySQL.
- Tools: Git, GitHub, VS Code
- Others: RESTful APIs, Postman, CRUD operations, CORS, JSON, npm

Internships

H2SYS Technologies Pvt. Ltd. | Full Stack Developer | Madhapur, Hyderabad. Jun '2025 – Present

Tech Stack: ReactJS, Node.js, Express.js, MySQL.

Project: Employee and Manager CRUD Dashboard

- Developed a full-stack web application using React.js (frontend) and Node.js with Express (backend).
- Integrated MySQL database for storing and retrieving employee and manager data.
- Implemented CRUD operations via RESTful API endpoints to handle data interaction between frontend and backend.
- Used Git and GitHub for version control, collaborative development, and code management.
- Tested API endpoints using Postman and handled CORS and JSON data formats effectively.

Key Responsibilities:

- Developed and maintained responsive web applications using ReactJS (functional components, hooks, routing).
- Built and integrated RESTful APIs using Node.js and Express.js.
- Designed and implemented CRUD operations with backend integration.
- Used Axios / Fetch API to handle HTTP requests between frontend and backend.
- Worked with **databases** such as **MySQL** for data storage and retrieval.

Project: IT-Company Website

Full-Stack Web Application : React.js, Node.js, Express.js, MySQL, Axios, CSS3

- Developed a complete **IT company website** with a responsive public-facing portal for clients and job seekers.
- Built a secure **employee management system** with **admin dashboard**, including full **CRUD operations** for employee records.
- Integrated **job board** and **job application system**, enabling users to **apply** for positions and **track their application** status using their email.
- Designed **authentication system** with role-based access for Admin and Employees using JWT.
- Handled **file uploads** (resumes & profile photos) securely using multer.
- Connected frontend and backend via RESTful APIs and managed state using React's useState and useEffect.

Unified Mentor PVT,LTD | Web developer Intern | Remote

Nov'2023 - Jan'2024

- Developed and maintained the Sports Buddy and Soil Agent websites, two key projects during the internship using HTML,CSS,JAVASCRIPT.
- Developed basic Calculator, Image slider using HTML, CSS,JAVASCRIPT.

Internship Studio | Java Internship | Remote

May'2024–July'2024

- Developed an interactive ATM application that simulates banking operations such as balance inquiry, deposit, withdrawal,Transaction history and funds transfers using Java, OOP(Object Oriented Programming).

Academic Project

Onboarding temperature sensor using Raspberry pi pico

July, 2023

- Detected the temperature of the objects using IOT devices
- The Tools & Technologies used in this project are Raspberry pi pico,Python.
- Mainly used to detect the temperature of objects without any physical work.

INTEGRATING CRYPTOGRAPHY AND STEGANOGRAPHY FOR ROBUST DATA PROTECTION IN IMAGES

March,2025

- Designed and implemented a combined approach using cryptography and steganography to ensure secure data transmission and protection in image files.
- Developed cryptographic algorithms (e.g., AES, RSA) to encrypt sensitive data and used steganographic techniques (e.g., LSB, DCT) to embed the encrypted data into image files.

Achievements

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- Participated in prometean A national Level Technical Symposium. (12/2023 - 12/2023).
 - Participated in under19 cricket selections(2019).

Certification

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- HTML certification by Mindluster (10/2023 - 11/2023).
 - JAVASCRIPT certified by infosys SpringBoard (11/2023 - 12/2023).
 - Web Development internship certification by UNIFIED MENTOR (11/2023 - 01/2024).
 - Java internship Certification by Internship Studio (28/05/2024 - 02/07/2024).

Languages

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- Telugu.
 - English.

Interests

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- Programming.
 - Playing cricket.
 - Problem Solving.