

# RAKESH SATYAVARAPU

✉ [rakeshsatyavarapu369@gmail.com](mailto:rakeshsatyavarapu369@gmail.com) +91 9705450251

Rajam, Srikakulam, Andhra Pradesh - 532127

[in](#) [LinkedIn](#) [GitHub](#)

---

## Career Objective:

Motivated Information Technology student with hands-on experience in web development and AWS cloud services. Proficient in HTML, CSS, JavaScript, and MERN stack. Seeking a Web Developer role to contribute to modern, scalable applications and deepen expertise in responsive front-end development and backend API design.

## Education:

- **Bachelor of Technology (B. Tech) – Information Technology**  
GMR Institute of Technology, Rajam (2022 - 2026)  
CGPA: 9.1
- **Intermediate Education (class 12)**  
Sri Chaitanya Jr College, Rajam (2020 - 2022)  
Percentage: 92.6%
- **Secondary School (Class 10)**  
Sri Vidya Niketan High School, Rajam (2015 - 2020)  
Percentage: 90.1%

## Skills:

- **Frontend:** HTML, CSS, JavaScript, EJS (server-side Rendering), Bootstrap, React
- **Backend:** Node.js, Express.js, PHP, Flask
- **Database:** MongoDB, SQL
- **Cloud:** AWS (EC2, Elastic IP, S3, Load Balancing and Auto Scaling)
- **Dev Tools:** Git & GitHub, VS Code, Postman
- **Programming Languages:** C, C++ (Basics), Python, Java
- **Languages:** English, Telugu
- **Soft Skills:** Teamwork, Critical Thinking

## Internship Experience:

### Intern | HashTek solutions, Vishakapatnam, A.P

June 2024 - July 2024

- Set up and managed 5 EC2 instances across Linux and Windows to simulate real-time deployments.
- Reduced manual setup time by 40% by creating reusable Elastic IP configurations.
- Deployed 1 static website via AWS S3, improving access latency by hosting closer to users.
- Applied over 20 Linux commands to automate instance monitoring and configuration.
- Implemented IAM roles to restrict access and prevent unauthorized changes across 3 services.
- Simulated Auto Scaling and Load Balancing to improve test app reliability by 60%.

### Intern | Prodigy InfoTech (Virtual)

July 2024 - August 2024

- Completed 1-month virtual internship focused on frontend development with 5 projects.
- Built projects including responsive web app, Stopwatch, Weather App, Portfolio, Tic-Tac-Toe.
- Improved skills in API integration, responsive design, and Git version control.

**Research :** [A web based UI for detecting harmful weapons using YOLO](#)

## **Projects:**

### **Spam Mail Classification and Mail Summarizer | MERN Stack:**

- Built a full-stack web app for spam email detection and summarization using MongoDB, Express.js, React, and Node.js.
- Used a Naïve Bayes Multinomial Classifier for spam filtering.
- Integrated Hugging Face BART-Large-CNN for auto-generating email summaries.
- Developed a mobile-responsive UI for improved usability.
- Secured the application with bcrypt, JWT authentication, and Google OAuth.
- Optimized backend performance for faster, more accurate classification and summarization.

### **Mentor Connect (Partial Development) | Stepcone Web Hackathon**

- Developed a mentor-mentee platform using EJS, Node.js, Express, and MongoDB (Mongoose).
- Integrated Zoom API for scheduling virtual meetings and Gemini API for chatbot assistance.
- Implemented secure authentication using bcrypt, JWT, and Google OAuth.
- Contributed to backend logic and improved the UI for responsiveness and user engagement.

### **Certificates and Certifications:**

- AWS Academy Cloud Foundations
- Backend Development & APIs - [FreeCodeCamp](#)
- Machine Learning with Python - Coursera
- React Basics & CSS Basics - HackerRank
- Web Development Internship Certificate - Prodigy InfoTech
- AWS Internship Certificate - HashTek Solutions
- Prompt Engineering for ChatGPT