

# TUMMAPALA GOPICHAND

Visakhapatnam, Andhra Pradesh

+91-9704156957 tummapalagopichand@gmail.com LinkedIn GitHub

## OBJECTIVE

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Motivated and adaptable fresher seeking an entry-level position in a dynamic organization. Equipped with strong problem-solving abilities, technical proficiency, and a commitment to delivering high-quality results. Eager to contribute to organizational success through innovative solutions, continuous learning, and effective teamwork.

## EDUCATION

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**Dr. Lankapalli Bullayya College of Engineering - Andhra University** **2021 – 2025**  
*B.Tech in Electronics and Communication Engineering; CGPA: 8.1* *Visakhapatnam, Andhra Pradesh*

**DR VS Krishna Government Junior College** **2019 – 2021**  
*Intermediate (MPC); CGPA: 8.9* *Visakhapatnam, Andhra Pradesh*

## PROJECTS

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### Student Empowerment Full-Stack Web Portal

*GitHub Repository — Live Project*

- Built and deployed a responsive full-stack web portal using the **MERN** stack.
- Integrated email-based **OTP verification** for secure password recovery.
- Deployed the application on **Vercel** with MongoDB Atlas, ensuring scalability and high performance.

### AWS Cloud Infrastructure and Deployment Solution

*Certification — Live Project*

- Deployed an application on AWS using **EC2**, **RDS**, **Route53**, **S3**, and **CloudFront**, showcasing expertise in cloud infrastructure.
- Implemented scalable solutions for hosting, database management, and content delivery.
- Achieved AWS certification from NxtWave CCBP 4.0 Academy.

### Covid-19 India API Portal

*GitHub Repository*

- Developed a **RESTful API** using Express.js and SQLite to manage Covid-19 data with **CRUD operations**.
- Implemented **JWT authentication** to ensure secure access to API endpoints.
- Designed a scalable database schema for efficient data handling.

## TECHNICAL SKILLS AND CERTIFICATIONS

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**Languages:** Python, JavaScript, C++, Java

**Frontend Frameworks:** React.js, Bootstrap, HTML5, CSS3

**Backend Frameworks:** Node.js, Express.js

**Databases:** SQL, MongoDB

**Tools:** Git, Terminal, VS Code

**Mindset and Life Skills:** Essential Life Skills – IIT Varanasi, Exponential Mindset (XPM 4.0), Employability Skills – WF Global, Wadhvani Foundation Certification

**Additional certifications:** Certified in Full-Stack Development, AWS Certification -Amazon Web Services