

TUMMAPALA GOPICHAND

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🌐 [Linkedin](#)

🐙 [Github](#)

EDUCATION

Nxtwave Disruptive Technologies

Jun 2022 - Ongoing

Industry Ready Certification in Full-stack Development

Dr. Lankapalli Bullayya College Of Engineering Andhra University

2022 – 2025

B.Tech - Electronics And Communication Engineering - CGPA - 8.1

Visakhapatnam, Andhra Pradesh

DR VS Krishna Government Junior College, Visakhapatnam

2019 - 2021

Intermediate MPC - CGPA - 8.9

Visakhapatnam, Andhra Pradesh

Zilla Parishad Govt High School, Visakhapatnam

2018 - 2019

Secondary School Of Certificate - CGPA - 9.5

Visakhapatnam, Andhra Pradesh

COURSEWORK / SKILLS

- Operating Systems
- OOPS Concepts
- Computer Networks
- DBMS

PROJECTS

Travel Hub [🔗](#) | [HTML and CSS](#), [Bootstrap](#)

- * Engineered a fully responsive tourism and travel website using HTML5, CSS3, JavaScript, and Bootstrap.
- * Demonstrated proficiency in crafting dynamic, user-centric interfaces with a focus on cross-browser compatibility.
- * Emphasized mobile-first design principles for optimized performance across all devices.

AWS Cloud Infrastructure and Deployment Solution [🔗](#) | [projectlink](#) [🔗](#) | [EC2](#), [RDS](#), [Route53](#), [S3](#),

- * **Deployed a fully functional application on AWS** using EC2, RDS, Route53, S3, and CloudFront, demonstrating expertise in cloud infrastructure and application deployment.
- * **Implemented scalable cloud solutions** for application hosting, database management, DNS configuration, and content delivery, optimizing performance and reliability.
- * **Achieved AWS deployment certification** from NxtWave CCBP 4.0 Academy, validated by hands-on experience and comprehensive knowledge in cloud computing technologies.

Covid-19 India API Portal [🔗](#) | [Express.js](#), [SQLite](#), [JWT \(JsWebToken\)](#), [Node.js](#), [Git](#)

- * Developed a **RESTful API portal** using **Express.js** and **SQLite** to manage Covid-19 data, supporting CRUD operations for states and districts.
- * Implemented **JWT authentication** to ensure secure and authenticated access to API endpoints.
- * Designed and integrated a scalable **database schema** with **SQLite** for efficient data handling and performance optimization.

GopiGPT - Voice-Activated Chatbot & Generative Transformer [🔗](#) | [projectlink](#) [🔗](#) |

- * Developed a chatbot using LangChain, Gradio, Play HT, Hugging Face, Google Colab
- * **Advanced Language Processing:** Leveraged Hugging Face models and Google Colab for training a generative pre-trained transformer, enhancing natural language understanding and response accuracy.
- * **End-to-End Deployment:** Successfully deployed both projects on dedicated domains, ensuring accessibility and real-time user interaction

TECHNICAL SKILLS

Languages: Java, Python, C ++, My SQL

Technologies/Frameworks: HTML5, CSS3, Git, Terminal, React.js, MongoDB, Express, Javascript, Node.js, Bootstrap

Developer Tools: VS Code, CCBP Ide, IntelliJ, Canva

CERTIFICATIONS

- Static Website Development Certification
- Responsive Website Development Certification
- Dynamic Web Application Development Certification
- Programming Foundations with Python Certification
- Developer Foundations Certification
- Introduction to Databases Certification
- Node JS Developer Certification
- React JS Developer Certification
- XPM 4.0 Fundamentals Certification
- Essential Life Skills Certification *Indian Institute of Technology - Varanasi*
- JobReady Employability Skills Program Certification

WORK EXPERIENCE

An Internship On WebDevelopment - TechnoHacks

Oct -2023

I had the opportunity to work on a wide range of projects and develop my skills .

WebDeveloper - Bharat Intern

[Nov – Dec] 2023

Developed UI interfaces and websites as a Web Developer

Freelance Managing Expert – Advanced Physics At Chegg

2024 - till

Delivered high-quality solutions in advanced physics, ensuring accuracy and clarity in content.

Mentored subject matter experts and collaborated with teams to optimize content delivery and student engagement.

EXTRACURRICULAR

- **Full-Stack Web Development Enthusiast** Passionate about building comprehensive web solutions, continuously enhancing skills in front-end and back-end technologies.
- **Prathibha Award Recipient (2019)** Recognized with the prestigious Prathibha Award for outstanding academic performance in SSC Examination.
- **Dedicated NCC Member**
Demonstrated leadership, teamwork, and discipline as an active member of the National Cadet Corps (NCC). Participated in camps, training, and community service, leading squads and competing in NCC events.
- **Enthusiastic NSS Volunteer**
Engaged in meaningful community service through active participation in the National Service Scheme (NSS), contributing to various social initiatives and volunteer work.
- NSS Member from 2019 to till now .