

Tangudu Maha Yoganandha Lakshman

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EDUCATION

08/2022 – Present

B.Tech in Computer Science and Engineering

GITAM Deemed to be University, Visakhapatnam

CGPA: 7.69/10

06/2020 – 04/2022

Grade 12 – State Board (BIEAP)

Sri Chaitanya Junior College, Visakhapatnam

06/2019 – 04/2020

Grade 10 – State Board

Sri Chaitanya Techno School, Visakhapatnam

SKILLS

- Programming Languages:** Familiar with Java, Python, C, JavaScript.
- Web Technologies:** HTML, CSS, React.js, Node.js, Express.js.
- Tools & Platforms:** Git, GitHub.
- Databases:** SQL, PostgreSQL (used in projects).
- Soft Skills:** Problem-solving, Communication, Quick Learner.

PROJECTS

Movie App

(GitHub Repo, Live)

- Built a responsive movie search application using React.js and TMDB API with real-time search and favorites management.
- Applied component-based architecture ensuring modularity and maintainability.
- Integrated API error handling and responsive UI design for seamless cross-device experience.
- Wrote unit tests with Jest for key features, improving code reliability.

URL Shortener Web App

(GitHub Repo, Live)

- Engineered a secure, scalable URL shortener using React, Node.js, Express.js, and Neon (PostgreSQL).
- Implemented Clerk Authentication for session handling and user access control.
- Deployed production-ready frontend and backend on Render with SSL for secure communication.
- Leveraged Neon's serverless PostgreSQL for efficient connection pooling and high scalability.
- Documented API endpoints and created a Postman collection for testing and integration.

CERTIFICATIONS

- NPTEL, Software Testing 03/2025
- Eduskills, Web Development 06/2025

LANGUAGES

English, Telugu