Harsha Vardhan Yanakandla

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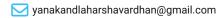
WORK EXPERIENCE

RAIZZIFY

WEB DEVELOPMENT INTERN | Paid Internship (Stipend)   September 2025 - Present

- Gained hands-on experience in **Full-Stack Web Application** development with modern technologies and **AI** integration.
- Integrated **AI-powered** features using **OpenRouter API** and other **GenAI** tools to enhance application functionality.
- Managed and optimized relational data with **PostgreSQL** to ensure reliable data handling and performance.
- Built and integrated backend **APIs** using **Node.js** and **Express.js** for scalable and efficient application logic.

FLASHFIRE PRIVATE LIMITED

FULL STACK DEVELOPER INTERN   July 2025 - August 2025

- Developed responsive interfaces using **React.js**, **TypeScript**, **Tailwind CSS**, and **JavaScript**, improving **performance**.
- Collaborated closely with backend developers to integrate **APIs** and ensure smooth **frontend−backend communication**.
- Actively participated in meetings and **code reviews**, contributing to **team discussions** and **improvements**.
- Integrated **reusable UI components** to speed up development and maintain a consistent design across the application

EDUCATION

Jawaharlal Nehru Technological University, Anantapur

Bachelor of Technology, Electronics & Communication Engineering   2022 - 2026

Narayana Junior College

Intermediate, MPC   2020 - 2022

Sri Chaithanya School

High School   2016 - 2020

SKILLS

- **Frontend:** React.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap
- **Backend:** Node.js, Express.js, Python, REST API Development & Integration
- **Databases:** MongoDB, MongoDB Atlas, PostgreSQL
- **Tools & Version Control:** Git, GitHub, VS Code, Debugging, Testing, and Documentation
- **Soft Skills:** Excellent Communication, Problem-Solving & Critical Thinking, Adaptability & Quick Learning

PROJECTS

ExamGenius AI | AI-Powered Test Preparation Platform 🔗

- Designed and Deployed a **Full-Stack** Learning Platform using **React, Node.js, PostgreSQL,** and **OpenRouter API**.
- **Integrated AI** to **Analyze Incorrect Answers** and **Generate Personalized Practice Questions** based on user performance.
- **Developed Real-Time Performance Analytics** to **Track User Progress** and **Enhance Learning Outcomes**.
- Built **Intelligent System** for **Full Stack, Frontend,** and **Backend,** improving **Preparation Efficiency** through **AI Automation.**

Premium Full-Stack Portfolio Website 🔗

- Built a **Production-Ready Full-Stack Portfolio** using **React, Vite, Tailwind CSS, Node.js, Express,** and **MongoDB**.
- Integrated **Twilio WhatsApp API** to instantly receive **real-time client inquiries** via WhatsApp on form submission.
- Structured content to align with **personal branding** and storytelling for career positioning.
- Designed a **modern, visually appealing interface** featuring **3D particles** and **fluid motion transitions.**

CERTIFICATES

React.js (NxtWave) 🔗

- Learned to develop dynamic, responsive interfaces using React.js, mastering hooks, state, and component-driven design.
- Learned to handle routing, user interactions, and API integration for building seamless web applications

Node.js (NxtWave) 🔗

- Learned to build scalable backend applications with Node.js and Express, focusing on RESTful API development.
- Learned to manage asynchronous operations, middleware, and database integration for server-side.

AWARDS

Coding Competition Winner   (JNTUA)

Won 1st place in a competitive coding contest conducted by Jawaharlal Nehru Technological University Anantapur. LINK

Quiz Competition Winner   Ananthalakshmi Institute of Technology

Won 1st prize in a technical quiz competition conducted by Ananthalakshmi Institute of Technology. LINK