

VARNIKA KARRI

Full Stack Developer & AI Enthusiast

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PROFESSIONAL SUMMARY

Results-oriented Full Stack Developer skilled in **React.js**, **Node.js**, and **MongoDB** with hands-on experience in **AI-based projects**. Passionate about building scalable, user-focused web applications and continuously learning new technologies.

WORK EXPERIENCE

Software Engineering Intern, Technical Hub Pvt Ltd

09/2023 – Present

- Developed and maintained **2 full-stack web applications** using React.js, Express.js, and MongoDB, improving platform reliability.
- Enhanced UI performance by 15%** through React optimization, code-splitting, and lazy loading.
- Collaborated with a cross-functional team to **debug and test 20+ features** before deployment, reducing production issues by 25%.
- Gained hands-on experience in **Git-based version control**, agile software practices, and collaborative sprint-based development.

EDUCATION

B.Tech in Computer Science and Engineering, Aditya University, Surampalem

2023 – 2027

CGPA: 9.8

Intermediate (MPC), Narayana Junior College, Kakinada

2020 – 2022

Marks: 972/1000

SKILLS

Programming

C, C++, Python, JavaScript, SQL

Web

HTML, CSS, ReactJS, NextJS, ExpressJS, NodeJS, Bootstrap

Databases

MySQL, MongoDB, PL/SQL

Tools

Git, GitHub, Linux, VS Code

Core CS

DSA, OOP, DBMS, OS, CN, AI Basics

Soft Skills

Leadership, Collaboration, Problem-Solving

ACHIEVEMENTS

Paul Harris Fellow Recognition, Rotary International

NVIDIA Female Inspirational Award, Aditya University, Surampalem

5-Star Badges in C, Python, and Java, HackerRank

PROJECTS

Lumix – AI-Powered Learning & Collaboration Platform

- Built a placement tracker and community portal using React.js, Express.js, and MongoDB.
- Integrated AI features like GitHub AI Search and AI Tools Hub for discovery and insights.
- Designed interactive dashboards and collaboration boards to boost student engagement.

Campus Connect – Student Event Hub

- Developed a web platform for campus events using React.js and Node.js.
- Integrated QR-based event access and interactive maps to improve participation and engagement.

LeafLyf - AI-Based Plant Disease Detector

- Developed an **AI-driven web app** using the **OpenAI API** to identify plant diseases from uploaded leaf images, with a **backup dataset API** for accurate fallback predictions.
- Built a **React.js frontend** and **Flask backend** integrated via **RESTful APIs**, enabling seamless image uploads, model interaction, and real-time diagnosis display.

CERTIFICATIONS

Oracle Certified Foundations Associate – Java

Red Hat Certified System Administrator (RHCSA)

Cisco Certified C, Python, C++, JS, HTML, CSS Programmer

HackerRank Certified in SQL (Basic & Intermediate)

Infosys Springboard Certified in Python, Java, OS, SQL, Design Thinking