

# VARNIKA KARRI

## Full Stack Developer & AI Enthusiast

✉ varnikakarri30@gmail.com ☎ +91 9014968191 📍 Kakinada, India 🔗 LinkedIn 🐙 GitHub

### 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

|   |  |
|---|--|
| <b>Programming</b><br>C, C++, Python, JavaScript, SQL | <b>Web</b><br>HTML, CSS, ReactJS, NextJS, ExpressJS, NodeJS, Bootstrap |
| <b>Databases</b><br>MySQL, MongoDB, PL/SQL            | <b>Tools</b><br>Git, GitHub, Linux, VS Code                            |
| <b>Core CS</b><br>DSA, OOP, DBMS, OS, CN, AI Basics   | <b>Soft Skills</b><br>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 |  |