

# SURYA CHARAN VADDADI

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## Professional Summary

Innovative Full-Stack Developer with hands-on experience in the MERN stack and AWS (EC2, S3, Lambda). Expertise in building secure, role-based systems that can improve efficiency by 50%. Skilled in developing scalable APIs and optimizing backend performance. Proven leadership in driving tech initiatives, impacting 200+ peers.

## Education

### K L University, Guntur

B.Tech in Computer Science and Engineering

CGPA: 9.55

2022 - 2026

## Skills

**Programming Languages:** C, Java, Python

**Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js

**Databases:** MongoDB, PostgreSQL

**Cloud & DevOps:** AWS (EC2, S3, Lambda, RDS, CloudFront), Netlify, GitHub

**Tools & APIs:** Postman, REST API, GitHub

**Soft Skills:** Problem Solving, Analytical Thinking, Teamwork, Collaboration, Time Management, Leadership, Adaptability, Communication Skills, Quick Learning Ability

## Project

### Doctor Appointment Booking System (MERN Stack)

- Built a responsive full-stack web app enabling patients to book appointments with JWT-based authentication and role-based access (Admin, Doctor, User).
- Designed a real-time conflict-free scheduling system, optimized backend performance by 40%, and ensured seamless API integration.
- Integrated secure Razorpay payment gateway for fee processing and implemented a mobile-friendly UI using React.js and TailwindCSS.

## Experience

### AICTE-Eduskills AWS Cloud Virtual Internship

Jan-Mar 2024

- Deployed cloud-based applications on AWS, focusing on cost and performance optimization.
- Designed and implemented serverless solutions to improve scalability and security.
- Assisted in setting up automated deployment pipelines to streamline the development process.

### Vice President, BroadBand Networks Club - KL University

2023 - Present

- Organized **20 technical sessions**, enhancing student knowledge in cutting-edge technologies.
- Led a team of **10 members** to participate in various hackathons, fostering teamwork and innovation.
- Supervised and coordinated all club activities, ensuring smooth execution of sessions, events, and collaborative initiatives.

## Certifications

AWS Certified Cloud Practitioner

2024 [\[Verify\]](#)

AWS Certified Developer Associate

2024 [\[Verify\]](#)

Oracle Certified Java SE 11 Developer

2024 [\[Verify\]](#)

## Achievements

### Code for Good Hackathon 2024 - JP Morgan Chase

- Shortlisted among **2000+ participants** and contributed innovative solutions to pressing social issues through technology.
- Designed and developed a client-focused e-commerce website, ensuring seamless product transactions, which can increase sales by 15%.

### Google Labs Gen AI Program

- Awarded **35 Google Lab credits** for completing AI, cloud computing, and GenAI modules.