Gandu Chakravarthy Srinivas

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# Education

**K L University**, Bachelor of Science in Computer Science August 2022 - May 2026

**Specialization:** Cyber Security and blockchain technology

**Current CGPA:** 9.45

# Experience

**Cybersecurity Intern, Slashmark - AITCE Startup, India** June 2023 - August 2023

* Developed a secure text encryption tool improving data confidentiality for internal communications by 50%.
* Designed a lightweight keylogger with a 90% keystroke capture accuracy rate for lab-based security testing.
* Created an advanced image encryption solution using AES-based algorithms, enhancing image protection efficiency by 40%.

# Projects

## Online Medical Consultation System

* Reduced appointment scheduling time by **30%** through a user-friendly remote medical consultation platform.
* Engineered a role-based access control system supporting 3 distinct user roles, improving access security and scalability.
* Integrated real-time notifications for appointment confirmations and prescription updates, enhancing user communication by **35%**.
* **Technologies:** Spring Boot, JSP, MySQL.

## E-commerce Platform for Agricultural Products

* Built a Django-based marketplace connecting farmers with buyers, resulting in a **25%** improvement in user retention through responsive design.
* Developed a real-time inventory tracking system that automatically updates stock levels on purchase, reducing overselling by 60%.
* Integrated secure payment gateways and real-time order tracking, improving transaction reliability by **20%**.
* **Technologies:** Python, Django, HTML, CSS, JavaScript, SQL.

# Skills

**Programming Languages:** Python, C, Java, SQL, JavaScript **Technologies:** JSP, HTML, CSS, React.js, Node.js, Express.js **Databases:** MySQL, PostgreSQL, MongoDB

**Frameworks:** Spring Boot, Django

**Professional Strengths:** Collaborative project execution, timely delivery under pressure, effective peer communication.

# Certifications

* **Red Hat Certified Enterprise Application Developer** | Red Hat | September 2024
* **Juniper Networks Certified Associate** | Juniper Networks | August 2024
* **AWS Certified Cloud Practitioner** | AWS | February 2025
* **ServiceNow Certified System Administrator (CSA)** | ServiceNow | June 2025

# Achievements

* Secured Third Rank in Neocodeathon – a national-level coding competation
* Appointed as Director of Alumni and IRP in the CSE student governance body, FOCUS, recognized for leadership and initiative.