

# Yerukum Jaya Surya Sri Karthik

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## SUMMARY

I am a highly motivated Computer Science Engineering undergraduate eager to learn and grow. With strong organizational skills and a passion for programming, I have developed various projects and achieved multiple Hackerrank badges. I thrive in dynamic environments, both independently and collaboratively, and I am excited about making meaningful contributions to a future team.

## EDUCATION

### Aditya Engineering College, Surampalem

B.Tech – CSE

2022 - 2026

CGPA: 8.35

### Narayana Junior College, Kakinada

Board of Intermediate Education, Andhra Pradesh

2020 - 2022

Percentage: 93.00

### Narayana E-Techno School, Peddapuram

Board of Intermediate Education, Andhra Pradesh

2020

CGPA: 10

## EXPERIENCE

### Python Programming Intern

#### Technical Hub

08 2024 – 11 2024

- Assisted mentor in Python programming classes for 400+ students by addressing doubts, debugging code, reviewing assignments, and fostering an interactive learning environment.

### Android App Developer

#### Techgyan Technologies

05 2024 – 07 2024

- Designed and developed an SMS Scheduling App, allowing users to automate message delivery with customizable time settings, ensuring efficient and timely communication.

### Machine Learning Intern

#### Andhra Pradesh State Skill Development

05 2024 – 06 2024

- Completed a 6-week internship in Artificial Intelligence and Machine Learning, gaining hands-on experience in model development and data analysis.

## TECHNICAL SKILLS AND INTERESTS

**Languages** : C, C++, Java, Python, HTML, CSS, JavaScript, PHP.

**Skills / Coursework** : Data Structures & Algorithms, OS, DBMS, OOPS Concept, Flutter, React JS, Node JS, Express JS, Tailwind CSS, Robotic Process Automation.

**Developer Tools** : VS Code, Sublime Text, Android Studio.

**Databases** : Firebase, MongoDB, MySQL.

**Soft Skills** : Communication, Teamwork, Versatility and Flexibility, Detail Orientation.

**Areas of Interest** : Web Development, Programming, SDE, App Development.

## PROJECTS

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### Personal Portfolio

06 2025 –present

- Designed and built a dynamic Portfolio Website using React.js, Framer Motion, and Tailwind CSS to showcase projects, skills, and resume. Integrated responsive design, smooth scroll-based animations, and downloadable assets to ensure cross-device performance and interactive user experience.

### HealthCare ATM

10 2024 –04 2025

- Developing a Healthcare ATM application for HCTMM Pvt. Ltd. to provide easy access to healthcare services. Integrated Firebase connectivity for seamless and efficient database operations, optimizing data retrieval speed by 30% for better performance.
- Integrated features like Tablets booking, prescription management, and secure bill payments.
- Implemented real-time notifications and Firebase integration for seamless user experience.

### Time Table Generator

11 2024 – 12 2024

- Built a dynamic timetable automation system using HTML, CSS, JavaScript, and Node.js, optimizing department scheduling.
- Utilized algorithms for slot optimization, ensuring balanced workload distribution.

### Relieving Letter Automation

01 2024 – 02 2024

- Developed a real-time automated system for generating remuneration bills, relieving letters, and appointment letters, significantly reducing manual effort and processing time.
- Integrated an approval system with automatic digital signatures, enabling seamless authorization, with 500+ employees from various colleges using the platform for document generation.

## CERTIFICATIONS

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- Advanced C++ Training Certification – Spoken Tutorial Project, IIT Bombay
- Introduction to Python Programming – Red Hat
- Oracle Java Programming Certification – Oracle
- Red Hat System Administration Certification – Red Hat
- Oracle Database Foundation Certification – Oracle
- SQL Basics Certificate – HackerRank
- IoT & Cloud Computing Certification – NPTEL

## ACHIEVEMENTS & CODING PROFILES

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**Leetcode** : Solved 130+ programs in Leetcode .

**Codemind** : Solved 500+ programs in Codemind .

**HackerRank** : 4 Star badges in C++, Python, Java and SQL .