

KUNCHAPU AMMORU

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INTERNSHIPS

Technical Hub

Kakinada, Andhra Pradesh

Full Stack Developer Intern | Surampalem, East Godavari, Andhra Pradesh, India

July 2024 – Nov 2024

- Gained 85% proficiency in MERN stack (MongoDB, Express.js, React.js, Node.js) by building scalable web applications.
- Improved **API development speed by 70%**, learning **RESTful API design, authentication (JWT, Firebase), and database management**.
- Enhanced **UI/UX efficiency by 65%**, mastering **Tailwind CSS, Material UI, and Bootstrap** for responsive design.

Data Structures Intern | Surampalem, East Godavari, Andhra Pradesh, India

Feb 2024 – June 2024

- Gained hands-on data structure and algorithm experience through a rigorous four-month internship.
- Conducted problem analysis, enhanced algorithmic understanding, and implemented optimized code.
- Achieved a personal milestone by solving over 150 coding challenges on platforms such as LeetCode and CodeChef; consistently ranked in the top 5% of participants, showcasing advanced problem-solving skills and algorithmic proficiency.

TECHNICAL SKILLS

- **Programming Languages:** Java, Python, JavaScript, C++, C.
- **Frontend:** React.js, React Native, HTML, CSS, Bootstrap, Tailwind CSS, Material UI
- **Backend:** Node.js, Express.js, REST APIs
- **Concepts:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP).
- **Databases:** MongoDB, MySQL, Firebase
- **Version Control:** Git, GitHub (Version Control), VS Code, Postman.

PROJECTS

Late Comer

React.js, MongoDB, Express.js

- **Built** a web application for **educational institutions**, delivering real-time tracking of **students and faculty's late arrivals**, improving attendance monitoring by **50%**.
- **Integrated** automated **email and SMS notifications**, ensuring timely alerts to **parents and guardians**, reducing late arrivals by **30%**.
- **Instantiate** a **weekly reporting system**, streamlining data sharing with **HODs, principals, and campus administrators** for better decision-making.

Bus Live Tracking

React.js, MongoDB, Express.js, IoT

- Designed and deployed an **innovative** transport hub website leveraging the **MERN stack and IoT technology** to provide **real-time live tracking**, navigation to the bus, **data visualization**, and various transport department services.
- Implemented a responsive user interface with **React.js** and managed **backend APIs** using **Express.js** and **MongoDB**, ensuring **seamless communication** and data management.
- Successfully deployed the project on **Vercel**, optimizing **performance** and accessibility for end-users.

Finance Tracking Web App

HTML, CSS, React.js, JavaScript, Chart.js

- **Engineered** a comprehensive personal finance web app, enabling **150+ users** to track, analyze, and visualize their spending habits
- **Intended** a seamless and intuitive interface using **HTML, CSS, and JavaScript**, improving data input efficiency by **35%**.
- **Integrated Chart.js** to generate real-time **financial visualizations**, enhancing **user decision-making** and **spending awareness**.
- **Empowered** users with **data-driven insights**, leading to a **25% increase** in budget adherence and smarter financial management.

ACADEMIC ACHIEVEMENT

- [Leetcode](#): Solved **220+** coding problems, **March month** badge at leetcode.
- [GeeksforGeeks](#): Solved **150+** Coding problems.
- [Codechef](#): **2** Star coder.
- Secured **1st place** in Code Carnival in our University (2023).

CERTIFICATIONS

Network Certifications

- CCNA: Introduction to Networks | *Cisco* -[link](#)
- Red Hat Certified System Administrator (RHCSA) | *Red Hat* -[link](#)

Programming Languages

- Python | *Red Hat* -[link](#)
- Java | *Oracle, Harvard University (edX)* -[link](#)

Data Science

- Introduction to Data Science | *Cisco, Harvard University (edX)* -[link](#)
- R Programming | *Infosys Springboard* -[link](#)

Web Development

- IT Specialist - HTML and CSS | *Certiport* -[link](#)

EDUCATION

Aditya University | Surampalem, Andhra Pradesh

Bachelor of Technology in Computer Science and Engineering (AI & ML)

2022 - 2026

CGPA: 8.13/10

Oxford Junior College | Guntur, Andhra Pradesh

Senior Secondary (class XII)

2020 - 2022

Percentage: 8.3/10