

# DEEP TEJASWI ADIREDDY

peddapuram, Andhra Pradesh

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## COURSEWORK

- Operating Systems
- Oops Concepts
- Software Engineering
- DBMS

## Technical Skills

**Languages:** C++, C, Python, Java, JavaScript, SQL

**Technologies/Frameworks:** HTML5, CSS3, Javascript, Bootstrap

**Developer Tools:** VS Code, IntelliJ

## Educational Qualifications

**Aditya College of Engineering**

**2022 – 2026**

*B.Tech - Computer Science and Engineering - -*

*Surampalem, Andhra Pradesh*

**Aditya Junior College**

**2020 – 2022**

*Intermediate - M.P.C Stream - -*

*Kakinada, Andhra Pradesh*

## Projects

**Online ticket booking Website** [↗](#) | HTML, CSS, JavaScript, IDE - VS Code

**2024**

- Developed an online ticketing platform processing over 500 daily transactions, featuring secure login/signup, real-time seat selection, and a dynamic ticketing system.
- Integrated a secure payment gateway processing over 700 transactions per day and implemented e-ticket generation with QR code scanning, reducing validation time by 35 per.
- Implemented advanced search, filtering, and review systems that increased user bookings by 25 per and boosted positive reviews by 15per.

**Students Statistics** [↗](#) | Java GUI(Graphical User Interface) - IntelliJ

**2024**

- Developed a Java GUI application focused on managing and displaying student statistics and implemented two key functionalities: adding student details and viewing statistical data.
- Enabled users to input detailed student information such as roll number, age, college, branch, gender, and name through the "Add Student Details" option and ensured that all relevant data was captured for future analysis.
- Provided a "Show Statistics" option for users to view data in a tabular format and allowed users to choose between viewing combined data from all colleges or filtering by specific sub-colleges.
- Presented a comprehensive table of data when selecting "All Colleges" and enabled targeted analysis by showing only relevant data for specific institutions in the case of selecting a sub-college.

**Bus Tracking Website** [↗](#) | React.js, IOT, IDE - VS Code

**2024**

- Developed a real-time bus tracking web application using React.js for the frontend and MongoDB for efficient data storage and retrieval.
- Designed and executed a GPS-enabled tracking system that allowed over 1,000 daily users to monitor real-time bus locations, routes, and estimated arrival times through intuitive map-based and numerical displays.
- Optimized the backend with MongoDB aggregations, ensuring seamless data processing for route management, bus schedules, and passenger insights.
- Collaborated with a 5-member team to increase system capacity by 60 per, achieving 99.9 per data accuracy and supporting reliable tracking for more than 1,000 daily users.

# INTERNSHIP

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## Technical Hub

06 2024 – 08 2024






Trainee

*Surampalem, India*

- \* **Front End Developer.** As a front-end developer intern, I focus on creating and enhancing the visual and interactive elements of websites using HTML, CSS, and JavaScript. My role involves ensuring responsive design, collaborating with designers and back-end developers, and writing clean, maintainable code. I also conduct cross-browser testing and improve user experience through interactive features.

## Coding Platforms

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- \* Solved **300+** Problems on **Leetcode**. 
- \* Solved **300+** Problems across **CodeChef**. 
- \* CodeChef Max Rating **1250**. 
- \* 5-star rating in CPP, Python in Hakerrank. 
- \* 4-star rating in C language, Problem Solving in Hakerrank. 

## Certifications

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- HTML and CSS, Python - IT Specialist Pearson
- CCNAv7 - Introduction to Networks - Cisco
- PCAP: Programming Essentials in Python - Cisco
- CPP: Advanced C++ Programming - Cisco
- CLA: Programming Essentials in C - Cisco
- Database Foundations, Java Foundations - Oracle
- Certified by NPTEL in IOT