

# Dhanush H

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## Professional Summary

Highly motivated and results-oriented third-year B.Tech student in Computer Science and Business Systems with a proven track record in project development and competitive coding. Proficient in Java, React, and various other web development technologies, possessing strong problem-solving skills and a deep understanding of Data Structures and Algorithms (DSA). Seeking an internship or entry-level position to leverage my skills and contribute to a dynamic team.

## Professional Experience

### Lead Developer - Personal Project

2023-01 to 2023-05

Developed a comprehensive study app encompassing video meetings, course management, and admin functionalities.

- Designed and implemented the user interface using React for intuitive navigation and user experience.
- Developed backend functionalities using Node.js and Express.js for managing courses, users, and video conferencing.
- Integrated a secure payment gateway for in-app purchases.
- Implemented robust admin features for managing users, courses, and content.
- Successfully deployed the application to Netlify.

### Full-Stack Developer - Personal Project

2022-09 to 2022-12

Created a fully functional e-commerce shopping application with product browsing, cart management, secure payment processing, and admin panel.

- Developed the front-end using React, incorporating features for product browsing, cart management, and order tracking.
- Built the backend using Node.js, Express.js, and MongoDB for handling product data, user accounts, and orders.
- Implemented secure payment processing using a secure gateway.
- Implemented session storage in the browser to enhance security and reduce local storage risks.
- Deployed the application using Heroku.

### Software Engineer - Team Project (Andhra Pradesh)

2023-05 to 2023-07

Contributed to the development of a solution to improve data transfer rates in a network.

- Played a key role in implementing data compression techniques on blockchain packet

frames to reduce gas fees and increase data transfer volume.

- Collaborated with a team to design and implement an efficient data transfer algorithm.
- Optimized network performance through code refactoring and algorithm improvements.
- Successfully deployed the solution and demonstrated a significant improvement in data transfer speed.
- Utilized Java for backend implementation.

## Education

B.Tech in Computer Science and Business Systems in Computer Science and Business Systems

University Name

2021-07 to 2025-05

## Skills

react

## Projects

### Study App

A comprehensive study application featuring video conferencing, course management, and administrative functionalities.

Technologies: React, Node.js, Express.js, MongoDB

### E-commerce Shopping App

A fully functional e-commerce application with product browsing, cart management, secure payment processing, and an admin panel.

Technologies: React, Node.js, Express.js, MongoDB

### Data Transfer Optimization System

A system designed to improve data transfer rates within a network, utilizing data compression techniques on blockchain packet frames.

Technologies: Java