

# Koya Aditya Vardhan

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A Highly Motivated Individual who constantly seeks to expand knowledge in new technologies and also believes that learning is a continuous and never-ending process, eagerly waiting to apply my theoretical knowledge in a practical platform. Currently Seeking a position to work in an environment where I can grow and also contribute to the company growth using my development and management skills.

## Education

### B.Tech. in Computer Science Engineering

2021 - 2025

Vellore Institute of Technology, CGPA: 8.83

Amaravati, Andhra Pradesh

### School Of Intermediate Education

2019 - 2021

Sri Chaitanya Junior College, Percentage: 90.8

Guntur, Andhra Pradesh

### School Of Secondary Education

2019

Dr.K.K.R Gowtham Concept School, CGPA: 9.7

Guntur, Andhra Pradesh

## Technical Skills and Interests

**Languages:** Java, Python, HTML, CSS, MySQL

**Relevant Coursework:** Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering, Computer Networks.

**Certifications:** MERN Full Stack Development, Ethnus, 2023 ; AWS Certified Cloud Practitioner, Amazon, 2024.

## Internship

### Mern Full Stack, Ethnus, Bengaluru, Karnataka, India

August 2023 - November 2023

*Online Expense Tracker*

- Developed a User-friendly and robust Online Expense Tracker using MERN Stack.
- Integrated and developed a secure and an authentication system for the user using the CRUD operations.
- Utilized React.JS in the front-end to make our website responsive and enhance user experience.
- Integrated backend using the Node.js and Express.js to handle async and communicate with Mongo DB.
- Used Mongo DB for efficient data storage and retrieval, ensuring the scalability of the data and application.

## Projects

### Banking Application

November 2023 - December 2023

- Developed a secure banking application for customer and admin roles using Eclipse IDE, and MySQL.
- Implemented customer registration, account management, and transaction handling with secure authentication.
- Enabled features like balance management, transaction history, PDF export, and independent account closure.

### Employee Time Tracker

January 2024 - February 2024

- Developed an Employee Time Tracker with role-based access control for managing tasks and hours.
- Implemented task addition, editing, deletion, and duration summaries with charts.
- Ensured secure authentication, prevented duplicate entries, and enforced an 8-hour maximum task duration limit.

### Gesture-Controlled Virtual Mouse and Voice Assistant

August 2024 - December 2024

- Designed a virtual mouse system using Mediapipe and OpenCV for gesture recognition.
- Incorporated voice assistance with Python libraries to enable hands-free computing operations.
- Ensured cross-platform usability and provided user-friendly interfaces with visual feedback.

## Extracurricular

- \* Co-Lead, Swachh Club (Non-Technical)
- \* Codechef - Member

## Hobbies

- \* Travelling and Photography.
- \* Listening Music