

MUTHUMANIKANDAN K

COMPUTER SCIENCE ENGINEER

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PROFESSIONAL SUMMARY

Computer Science Engineering student with hands-on experience in Python and Django-based full stack web development. Completed internships Focused on backend development, REST APIs, and database-driven applications. Strong in problem-solving, OOP concepts, and Git-based version control. Actively seeking entry-level Python Developer or Full Stack Developer roles.

INTERNSHIPS

Application Development Intern

RDEGI, Bangalore India, June 2024 - July 2024

- Developed a Django-based web application with modular backend architecture
- Designed models and implemented CRUD operations using Django ORM
- Implemented user authentication, URL routing, and database integration
- Used Git for version control and collaborative development

MERN Stack Application Development Intern

Codeshell Technologies, Madurai India, June 2025 - July 2025

- Contributed to full-stack development using MongoDB, Express.js, React, and Node.js
- Built RESTful APIs and handled database operations
- Collaborated in an agile team to debug and optimize application performance

PROJECT

Driver Drowsiness Detection System

Python, OpenCV, MediaPipe

- Built a real-time driver safety system using computer vision techniques
- Used MediaPipe Face Mesh to track eye landmarks and calculate EAR
- Triggered audio alerts when drowsiness was detected continuously
- Improved accuracy using smoothing filters and threshold-based logic

EDUCATION

B.E. Computer Science and Engineering

Annamalai University, Chidambaram • 2022 - Currently Pursuing

HSC at Govt Hr. Sec. School, Tamilnadu

Percentage : 81% • 2022

SSLC at Govt High School, Tamilnadu

Percentage : 84% • 2020

SKILLS

Programming Languages : Python, C, C++

Front End : HTML, CSS, JavaScript

Web Frameworks : Django, FastAPI

Database : MySQL, MongoDB

Tools & Version Control : GitHub

Concepts : OOP, REST APIs, SDLC

CERTIFICATIONS

Cloud Computing – NPTEL (2024)

Social Networks – NPTEL (2025)