

# RAJESH DUDEKULA

AI Engineer & Python Full Stack Developer

Hyderabad, India

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LinkedIn

GitHub

## EDUCATION

### Bachelor of Technology, Artificial Intelligence

Percentage: 72

SVR College of Engineering

Nandyal,

Dec 2021 - May 2025

### 12<sup>th</sup> Intermediate

Percentage: 80.3

Board of Intermediate Education,

Andhra Pradesh

Owk, Andhra Pradesh

Jun 2019 - Apr 2021

### 10<sup>th</sup> School

CGPA: 9

AP Model School Owk,

Andhra Pradesh

Jun 2018-Mar 2019

## SKILLS

Python

Java

C++

JavaScript

Django

MySQL

HTML

CSS

React.js

TensorFlow

PyTorch

OpenCV

FastAPI

Git

Github

Jupyter Notebook

Visual Studio Code

Communication skills

## LANGUAGES

Telugu

English

## PROFESSIONAL SUMMARY

Highly motivated B-Tech graduate in Artificial Intelligence with a strong passion for solving complex problems through innovative technology. Seeking a software development or AI-focused role to apply my skills, contribute to impactful projects, and continue learning and growing.

## WORK EXPERIENCE

### JavaScript Full Course

Jul 2025 - Aug 2025

GeeksforGeeks

- Completed an 8-week program on core JavaScript concepts including DOM, ES6, event handling, and asynchronous programming.
- Applied JavaScript skills in building dynamic front-end features with Django.

### AI-ML Virtual Intern

Oct 2024 - Dec 2024

AICTE - EDU Skills

- Developed AI/ML models as part of virtual projects.
- Gained practical exposure to supervised and unsupervised learning techniques.

### Cloud Virtual Intern

Apr 2024 - Jun 2024

National Educational Alliance for Technology (NEAT) via AWS Academy

- Explored AWS core services, like EC2, S3, and Lambda.
- Built a sample cloud-based application using AWS tools.

## PROJECTS

### Autonomous Vehicle navigation system

Jan 2025 - Apr 2025

<https://github.com/Dudekularajesh/Autonomous-Vehicle-navigation-system-using-deep-learning-and-computer-vision->

#### Description

- Developed a real-time vehicle detection and speed tracking system using **YOLOv8** and **OpenCV**.
- Achieved **95% detection accuracy** across different environmental conditions.
- Documented system architecture and workflows on **GitHub** for collaboration and transparency.

### Expense Tracker Web Application

Jul 2025 - Aug 2025

[https://github.com/Dudekularajesh/Expense\\_Tracker\\_Web\\_Application](https://github.com/Dudekularajesh/Expense_Tracker_Web_Application)

#### Description

- Built a responsive web app for tracking income and expenses using HTML, CSS, JavaScript, and Bootstrap.
- Enabled transaction management with add/delete functionality and a clear transaction history.

- Applied responsive design techniques for mobile and desktop compatibility

## **CERTIFICATIONS**

- Data Analysis and Decision Making, NPTEL, 07/01/23
- Internet of Things (IoT), NPTEL, 01/01/2024
- Java Full Stack Development Internship – Blackbuck Engineers and APSCH (240 hours, Jan 2025 – Apr 2025)