

V.S. ZABEE AHAMED

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OBJECTIVE

Aspiring **Python Developer Intern** with solid foundations in **Data Structures, Algorithms, and Object-Oriented Programming**. Hands-on experience in **Python, Django, React.js, and AI/ML model development**. Eager to contribute to real-world projects using **REST APIs, data processing, and machine learning pipelines**, while growing as a software engineer in a collaborative environment.

EDUCATION

Rajiv Gandhi University of Knowledge and Technologies, Srikakulam

B.Tech in Computer Science and Engineering — CGPA: 8.6

2022 – 2026

Rajiv Gandhi University of Knowledge and Technologies, Srikakulam

Pre-University Course — CGPA: 9.5

2021 – 2022

Sri Sai Teja High School, Kadapa

Class X — CGPA: 10

2019 – 2020

TECHNICAL SKILLS

Programming Languages: Python, C, Java, JavaScript

Frameworks & Libraries: Django, FastAPI, React.js, NumPy, Pandas, Scikit-learn

Database Systems: MySQL, PostgreSQL, SQL Server

Core Concepts: Data Structures & Algorithms, OOP, Machine Learning, Deep Learning

Tools & Platforms: Git, GitHub, VS Code, Google Cloud Platform (ACE Certified)

Soft Skills: Analytical Thinking, Problem Solving, Collaboration, Adaptability

PROJECTS

Editorial Summarization System

Nov 2025

Python, PyTorch, Transformers (T5), Streamlit, OCR

GitHub

- Built NLP summarization system achieving **273% ROUGE-2 improvement** (0.5094 vs 0.1364 baseline) by fine-tuning T5-small on 87 Indian editorial articles extracted via Tesseract OCR with OpenCV preprocessing from 196 newspaper images.
- Implemented complete ML pipeline: data extraction → quality validation (44% success rate) → fine-tuning (5 epochs, 25s GPU, validation loss 0.81) → evaluation (ROUGE metrics) → deployment (Streamlit web app).
- Achieved ROUGE scores of 0.5713 (R-1), 0.5094 (R-2), 0.5407 (R-L) on test set, representing 156-273% improvement across all metrics; published full codebase on GitHub with comprehensive documentation and reproducible training scripts.

Examify – Online Exam System

Jul 2025

Django, PostgreSQL, HTML, CSS, JavaScript

GitHub

- Developed secure, real-time online exam system with automated timer-based submissions and instant scoring, supporting role-based access control for Admin, Student roles.
- Engineered anti-cheating mechanisms including tab monitoring, copy-paste disabling, auto-save features, randomized question ordering, and session timeout handling to ensure exam integrity and prevent unauthorized access.
- Designed intuitive Admin Panel for exam management, question bank creation and implemented PostgreSQL database with normalized schema for efficient data retrieval.

CERTIFICATIONS

Deep Learning -IIT Ropar

May 2025

Introduction to LLMs -IIT Delhi

Nov 2025

Google Associate Cloud Engineer

Dec 2024

Django – GeeksforGeeks

Jul 2025