

# MOHAMED ASICK A

## BACHELOR OF ENGINEERING

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## Professional Summary

A motivated Computer Science fresher with hands-on experience in Python, Flask, and Django for full-stack web development. Skilled in building AI-integrated applications, REST APIs, and responsive web interfaces. Passionate about leveraging technology to solve real-world problems with a strong foundation in database management and backend development

## Education

BE Computer Science and Engineering - **CGPA : 7.73**

2021-25

Kings College of Engineering, Punalkulam

## Projects

### AI-Powered Paper Evaluation System using Django and OCR

- Developed an AI-powered paper evaluation system using Django, automating the assessment of handwritten answer sheets.
- Integrated OCR to extract student responses and compared them with answer keys, improving grading speed and accuracy.

### WhatsApp-Based Emotional Distress Detection & Monitoring System

- Built a WhatsApp-based emotional monitoring system using Python (Flask) and Twilio API, where users express feelings conversationally and the system stores messages in SQLite for AI-powered emotional analysis using OpenAI.
- Developed a secured admin/teacher dashboard with session authentication to monitor flagged users, view AI-generated emotional risk summaries, and enable timely follow-up intervention for distressed individuals.

## Work Experience

### DESFLYER, Thanjavur - 3 Months

DEC 2024 - FEB 2025

- Developed responsive web interfaces using HTML, CSS, and JavaScript with a strong focus on performance and cross-device compatibility.
- Acquired hands-on experience in end-to-end web development, contributing to both front-end design and server-side functionality.

## Skills

**Languages:** Python, JavaScript

**Web Technologies:** HTML, CSS, Django, REST API, SQLite

**Web Dev Tools:** Power BI, VS Code, Git, GitHub

**Relevant Coursework:** Introduction to Cloud Computing, AI Introduction and Elements of AI, Networking and Web Technologies

**SoftSkills:** Problem Solving, Self-Learning, Adaptability.

## Awards & Achievements

- Won 2nd prize in a debugging competition conducted by Kings College of Engineering.
- Won 1st prize in a mini project competition at our college.
- Won 3rd prize in another mini project competition at our college.
- Startup Idea – Health Harbor: Selected up to the Third Stage by the Tamil Nadu State Council for Science and Technology.