

# ASHIKA FARZANA K

Aspiring Data Analyst | Power BI & SQL Enthusiast | Python & Web Developer

- +91 9035940316
- linkedin.com/in/ashika-farzana-k-b738992b7
- Karnataka, India
- ashikaaboobaker@gmail.com

## Professional Summary

Computer Science graduate with hands-on experience in Python, Flask, and Django. Skilled in real-time object detection using YOLOv5, web development, and cloud deployment on AWS. Passionate about building accessible tech solutions and open to roles in software development, testing, and AI/ML.

## TECHNICAL SKILLS

- Programming Languages** – Python, C, Java, HTML, CSS, JavaScript
- Data Tools:** Power BI (DAX, Power Query), SQL, Microsoft Excel
- Frameworks & Libraries** – Django, Flask, NumPy, Pandas, OpenCV, PyTorch
- Web Technologies** – HTML, CSS, JavaScript, React, Flask, Django, SQLite
- AI/ML** – Data Preprocessing, YOLOv5, Supervised/Unsupervised Learning
- Tools** – VS Code, GitHub, Jupyter Notebook, Google Colab
- Cloud & Security** – AWS, Cybersecurity, Ethical Hacking Basics

## PROJECTS

August 2024

### Student Attendance Management System

- Frontend: HTML, CSS, JavaScript | Backend: Django (Python), SQLite
- Designed a web application to automate student attendance tracking.
- Implemented real-time attendance monitoring and database integration.
- Generated detailed reports for improved administrative insights. Reduced manual errors through a user-friendly digital system.

### Vision Mate – Object Tracking and Recognition Assistance

May 2025

- Frontend: HTML, CSS, JavaScript | Backend: Flask (Python), SQLite.
- Libraries: OpenCV, YOLOv5, Pyttsx3 (TTS).
- Developed and deployed a real-time object detection system using Python, Flask, and YOLOv5.
- Integrated backend Flask API with a voice-activated interface using Pyttsx3.
- Designed an accessible web UI using HTML, CSS, and JavaScript.
- Role: Python Developer, Computer Vision Intern.

## EXPERIENCE

### AWS and Cybersecurity Intern, TechByHeart

10 Nov 2023 - 20 Nov 2023

- Acquired a solid foundation in cybersecurity and cloud computing principles.
- Conducted an informative session on the vulnerabilities of public web cameras and demonstrated ethical hacking techniques.
- Successfully deployed and managed a website hosted on AWS.

### AI and Machine Learning Intern, Rooman Technologies

25 Sep 2024 - 10 Jan 2025

- Underwent hands-on training in AI and Machine Learning techniques and workflows.
- Developed models using Python libraries such as NumPy, pandas, and scikit-learn.
- Worked on classification and regression algorithms to solve real-world problems.
- Strengthened understanding of AI concepts, data preprocessing, and model evaluation.

## CERTIFICATIONS

- AI and Machine Learning** – Rooman Technologies
- AWS and Cybersecurity Internship** – TechByHeart
- Front-End Web Development** – Great Learning
- Java Programming** – Great Learning
- Python Programming** – Great Learning

## EDUCATION

### Bachelor of Engineering – Computer Science and Engineering

Visvesvaraya Technological University, Karnataka | 2021 – 2025

CGPA: 9.05

### Pre-University Education (PUC)

Kumbra PU College, Puttur, Karnataka | 2019 – 2021

Percentage: 93

### Secondary School Leaving Certificate (SSLC)

Pratibha High School Patte, Puttur, Karnataka | 2019

Percentage: 91