

# Ahmad Sajid

Python Developer | Software Engineer (Associate)

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## CAREER OBJECTIVE

Backend-focused Python developer building scalable cloud services and automation solutions. Currently developing backend systems and cloud infrastructure using Python and AWS while completing a B.Sc. in Computer Science. Strong practical experience in FastAPI, OpenCV, automation with voice interfaces, and containerized deployment workflows.

## Technical Skills

- **Languages:** Python, JavaScript, TypeScript, SQL Databases: MySQL
- **Backend / Frameworks:** FastAPI, Express.js, Node.js
- **Cloud & Infra:** AWS (S3, DynamoDB, EC2, ECS), Vercel, Cloudflare
- **Databases & Storage:** MySQL, MongoDB, DynamoDB
- **DevOps / CI:** Docker, GitHub Actions
- **Machine Learning / CV / Speech:** OpenCV, NumPy, Pandas, PyTorch (familiar), speech\_recognition, pyttsx3
- **Frontend:** HTML5, CSS3, React, Next.js
- **Tools:** Git, Postman, Swagger, FFmpeg, PyCharm, VS Code, Android Studio, Twilio

## Professional Experience

### Associate Software Engineer — Devisgon (current)

- Contributing to scalable backend systems and cloud solutions using Python and AWS.
- Implement RESTful APIs and backend services (FastAPI) supporting data pipelines and integrations.
- Support CI/CD and containerized deployments using Docker and automated pipelines.

## Projects

### 1. Face Recognition App

Made a simple face recognition app using Python that can detect and recognize my face in real-time using OpenCV.

- Used OpenCV and Haar Cascades for real-time face detection and recognition.
- Trained the model on custom facial data to identify specific faces accurately.

## 2. ECHO - Desktop Assistant

Created a basic desktop assistant in Python named ECHO that can take voice commands to perform simple tasks like opening apps and browsing the internet.

- Used Python libraries like `speech_recognition` and `pyttsx3` for voice input/output.
- Programmed it to handle tasks like opening apps, searching Google, and telling the time/date.

## 3. Personal Portfolio Website

Built my own portfolio website using HTML, CSS, and JavaScript to showcase all my frontend projects.

- Designed with smooth transitions, responsive layout, and modern UI elements.
- Included project previews, social links, and a contact form for visitors.

## EDUCATION

Agriculture University of Faisalabad (2022 - 2026)

- Bachelor of Science in Computer Science

## ADDITIONAL SKILLS

- Problem solving and logical thinking; comfortable with algorithmic tasks and debugging.
- Automation mindset: scripting routine workflows and integrating APIs to reduce manual effort.
- Quick learner: balancing a full-time engineering role with full-time university — proven time management.
- Open to collaboration on backend, AI/ML integration, and voice/assistant projects.