

SOHAIB ASLAM



Education

Govt. College University Faisalabad
BS (Computer Science)

Faisalabad, Pakistan
2020

Professional Experience

Civil Tracker Inc. (Islamabad Office)

Software Developer

Nov 2022 – Dec 2024

Working on following modules

- *Drone Image Processing (Python Django)*
- *GIS Application API's (Rest Framework)*

Islamabad, Pakistan

R2V Solution (DHA P-1) Islamabad

Software Developer

May 2022 – Nov-2022

Working on following modules

- *DHA Land Record Application (Django)*
- *Django Rest Framework (APIS for GIS App)*

Islamabad, Pakistan

CTC Islamabad

Software Developer

Sep 2021 – May-2022

Working on following modules

- *HRIS System*
- *Mini survey web Apps (Django)*
- *Projects on Demand (Python)*

Islamabad, Pakistan

Greenage Services

Python Developer

Oct 2020 – sep-2021

Working on following modules

- *GreenageServices Website (Backend-Frontend)*
- *Admin panels*
- *Weather forecast data cleaning*

Islamabad, Pakistan

Python Teacher

Teaching: Nov 2020 – Sep-2021

- *Teach core python for almost 1 year.*
- *Teach Django Framework*
- *Teach AI and computer vision Basics*

Islamabad, Pakistan

AMAL ACADEMY

Education startup funded by Stanford University that teaches professional skills to students and corporations

Islamabad, Pakistan

Career-Prep Fellow: May 2019 – Feb 2019

- *Communication:* Completed a competitive written application and interview process to be selected from over 4500 applicants for intensive 3-month Fellowship funded by Stanford University
- *Skills development:* Investing 150 hours in order to develop business skills (e.g., communication, leadership, problem solving, teamwork, etc.) that will help me make a deeper impact on the job

Python Projects

DHA Land Record System Web App (Django)

Islamabad, Pakistan

Dynamic web app with customized admin panel

- **Admin Side:** Customized admin panel (Role Base)
- **Admin Side:** Customized Graphical Reports
- **Front-end:** Dynamic web frontend using HTML CSS JQuery
- **Database:** MySQL, PostgreSQL

Note: (This projects has wast modules can't define description)

Mini Survey Web App (Django)

Islamabad, Pakistan

Dynamic website with customized admin panel

- **Admin Side:** Admin panel (Role Base)
- **Admin Side:** Customized Graphical Reports
- **Front-end:** Dynamic web frontend using HTML CSS JQuery
- **Database:** MySQL

Greenage services Website (Django)

Islamabad, Pakistan

Dynamic website with customized admin panel

- **Admin Side:** Customized admin panel for website
- **Front-end:** Dynamic web frontend using HTML CSS JQuery
- **Database:** MySQL

Weather Data Processing (Python)

Islamabad, Pakistan

40 years' data arranged and processed for weather model prediction

- **Libs:** Pandas, Numpy
- **IDE:** Anaconda, Pycharm

Portfolio web app (Django) Islamabad, Pakistan

- User will have allocated a separate space and record
- User can add, change, delete data using graphically interface
- User Authentication
- Improving this version Now

Text Manipulation Web App (Django)

Islamabad, Pakistan

- User can put text in the appeared box
- Able to remove extra spaces
- Able to remove punctuations
- Able to capitalize text
- Able to remove extra new lines

Archaeology Panel (PHP)

Islamabad, Pakistan

Greenage Services

- User privileging (Access)
- Archaeology sites data entry panel
- Able to view dynamically every site Information
- Relational database

Eye Gaze Keyboard (Python)

Islamabad, Pakistan

We can write by just blink our eyes (Useful for handicaps)

- **Problem** was *(The person who has no hands and feet's) he cannot write.)*
- **Solution** is Eye Gaze Keyboard *(Above mentioned person can write by just blink his eyes.)*

Live Face Mask Detection (Python)

Islamabad, Pakistan

Able to classify person he has wear a Mask or not (Useful in Corvid Pandemic)

- **Problem** was *(Detect people who are not wearing mask)*
- **Solution** is Live face mask detection *(System will detect the persons who are without mask wearing)*

Object Tracker (Python)

Islamabad, Pakistan

We can count and detect objects (Useful on highway or at stores)

- **Problem** was *(Count and track vehicles on the road, or took average count in business stores)*
- **Solution** Object tracker and counter *(Able to detect and count the objects)*

Human or Animal Classification (Python)

Islamabad, Pakistan

We can classify Human Vs Animal (Useful for classification)

- **Problem** was *(Classify human and animal at places like Zoo or Forest sites).*
- **Solution** is *(We are able to classify an entity rather it is human or animal)*

Python Django (E Commerce Web)

Islamabad, Pakistan

Build an E-commerce web site

- *Build a website using Django framework*
- *Attach a blog app where user can Register and login*
- *User can make post, write a response.*
- *Able to add a product in cart*
- *Cart managed with JavaScript*

Sound Classification (Final year Project)

Islamabad, Pakistan

We can classify sound beats (classify sound)

- **Problem** was *(Classify the sound beats on based of lyrics)*
- **Solution** is Sound Classifier *(We can classify beats and able to get csv result of identified beats)*

AMAL ACADEMY

Lahore, Pakistan

- *Do volunteer ship for final project to identify slum areas in Lahore and distribute goody bags.*

Honors and Awards

ONLINE COURSES

Islamabad, Pakistan

- **Google Cloud Seekho**
- Season 3 by the reference of Google developer Club Islamabad.
- **ITE Essential:**
- IT Essential 3 month course by (Cisco)
- **Penetration Testing (NCTP):**
- Course for penetration testing (Linux)

AWARDS AND CERTIFICATIONS

Faisalabad, Pakistan

- IT Essential (CISCO)
- Amal_Academy (STANFORD)

Additional

- *Technical Skills:* Python, Django, ORM, MySQL, PostgreSQL, J Query, Sqlite3, Pandas, Open CV,
- D library, Classifiers, GitHub, Anaconda, Pycharm, Bit Bucket
- *Interests:* Python Web, Artificial Intelligence
- *Language:* Urdu, English, Punjabi

Projects demo links

- **Dynamic Customized admin side panels available on demand.**
- Dynamic Survey App: <https://surveybird.chipconsulting.org/>
- Drones Org. App: <https://Dronza.org/>
- Dynamic Blog: <https://blog.sohaibaslam.com/>
- Drone Image Processing: <https://civiltracker.xyz/>