SOHAIB ASLAM



Education

**Govt. College University Faisalabad** Faisalabad, Pakistan

*BS (Computer Science)* 2020

Professional Experience

**Civil Tracker Inc. (Islamabad Office)** Islamabad, Pakistan

Software Developer

*Nov 2022 – Dec 2024*

*Working on following modules*

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

**R2V Solution (DHA P-1) Islamabad** Islamabad, Pakistan

Software Developer

*May 2022 – Nov-2022*

*Working on following modules*

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

**CTC Islamabad** Islamabad, Pakistan

Software Developer

*Sep 2021 – May-2022*

*Working on following modules*

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

**Greenage Services** Islamabad, Pakistan

Python Developer

*Oct 2020 – sep-2021*

*Working on following modules*

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

**Python Teacher** Islamabad, Pakistan

*Teaching: Nov 2020 – Sep-2021*

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

**AMAL ACADEMY** Islamabad, Pakistan

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

*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)*

Extracurricular & Volunteer Experience

**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/](https://dronza.org/)
* Dynamic Blog: <https://blog.sohaibaslam.com/>
* Drone Image Processing: https://civiltracker.xyz /