

# Sk Khurshid Alam

## Full Stack Web Developer

Seeking for a job I love, so that I shall never have to work a day in my life.



✉ skalam.django@gmail.com

📍 Bangalore, India

in linkedin.com/in/sk-khurshid-alam-4b9152a7

📞 +918618902284 / +918274910682

📅 21 July, 1992

## WORK EXPERIENCE

### Full Stack Web Developer

#### Futuristic Retail Technology Private Limited

07/2019 - Present

Bengaluru, India

It's a technology company, provides technology services.

#### Achievements/Tasks

- Working on NFC based payment System for iKure Techsoft Pvt Ltd. My Responsibilities : Designed Database Models in Python lang with Django framework. Used Celery as worker for multi-thread. Created Procedures in PostgreSQL. Team Size : 2.
- Worked on NFC based ticketing system for Bangalore Metropolitan Transport Corporation (BMTCL). My Responsibilities : Designed Database Models in Python lang with Django framework. Used Celery as worker for multi-thread. Created Procedures in PostgreSQL. Team Size : 2.
- Worked on building a VPA (UPI) based Payment Gateway system(third party) with the collaboration of ICICI bank. Designed the architecture of the whole system in REST architectural style, Designed Database Models in Python lang with Django framework. Used Celery as worker for multi-thread. Created Procedures in PostgreSQL. Created python package for client side usages. Coded in JavaScript for UI plugins for client side usages. Team Size : 1.
- Worked on web application based on online hyper local Geo-location based food ordering and delivery system named as Order Simply. Designed Database Models, Web-App development in Python lang with Django framework. Used Celery as worker for multi-thread. Created Procedures in PostgreSQL. Coded in JavaScript in frontend. Deployed the project in UAT server running on AWS EC2. Used Nginx and uwsgi configuration for HTTPS protocol. Team Size : 4.
- Integrated Delivery Services system(using RESTful APIs) provided by Dunzo Logistics Private Limited. Team Size : 1.
- Build python script for uploading the static files and images to Aamazon S3 buckets.
- Worked on enhancement in the existing web-applications like MIS dashboard for clients like StarHub and RMA. Team Size : 4.
- Worked on Brute-force attack protection enabled Authentication System. Used Redis to remember the past throttling rate for individual users.
- Worked on improving the system performance using Pagination concept & Celery Worker in the backend. Improved user experience with the help of Web-Worker and IndexedDB in the JavaScript at client side.
- Worked on limiting the scope of methods, variables & data available in frontend by applying IIFE method in the JavaScript.

## SKILLS

Django	●	●	●	●	●
REST APIs	●	●	●	●	●
Python	●	●	●	●	●
IoT (NodeMCU+SIM800L+Raspbery PI)	●	●	●	●	●
JavaScript (+jQuery)	●	●	●	●	○
PostgreSQL	●	●	●	●	○
Celery [Redis]	●	●	●	○	○
AWS S3 (+Glacier)	●	●	●	○	○
C & C++	●	●	●	○	○
HTML5	●	●	●	○	○
Material Design & Bootstrap	●	●	●	○	○
CSS3	●	●	●	○	○
IndexedDB + Service Worker, Cookies + Local Storage	●	●	●	○	○
Deployment in AWS EC2 with Nginx & uwsgi config	●	●	●	○	○
Google Cloud APIs	●	●	○	○	○
MongoDB	●	●	○	○	○
SQLite3	●	●	○	○	○
Perl	●	●	○	○	○
D3.js library	●	○	○	○	○
Docker	●	○	○	○	○

## WORK EXPERIENCE

### Software Developer

#### Instachk Pte Ltd

12/2018 - 06/2019

Bengaluru, India

It's a digital marketing company basically serves web-based technology to it's clients.

##### Achievements/Tasks

- Worked on web-scraping and dashboard analytics in python for an Amazon merchant. Team Size : 1.
- Wrote Perl script to download CSV files from AWS S3 bucket and upload to another AWS S3 bucket of different AWS server. Team Size : 2.
- Automated the manual tasks (like downloading files from Google drive, uploading to database after processing) or schedule jobs using Shell scripts and Perl together.

### Freelancer

#### Work from home.

09/2016 - 12/2018

##### Achievements/Tasks

- Created school accounting tool in VBA. Used Postgres as a database. This tool enables an easier and quicker way of data computing and displaying than data entry and calculation in excel sheets.
- Developed FTP Utility tool using Python for client.
- Developed HTML to XML Parser utility tool using Perl for client.
- Designed Web App using Django, JavaScript, HTML, CSS for a catering business service client.

## EDUCATION

### Undergraduate education

#### Academy Of Technology

2010 - 2014

Adisaptagram, Hooghly, West  
Bangal 712121

##### Bachelor of Technology

- Electrical Engineering

### Higher Secondary Education

#### Uluberia High School

2008 - 2010

Uluberia, Howrah, West Bengal  
711315

##### Science

- Physics Chemistry  
Mathematics

## SKILLS

VBA



Google Scripting



## ACHIEVEMENTS

### 3rd position in 'Chroma-Eon' (08/2014)

'Chroma-Eon' is an event organized by 'Techniche' in tech-fest at IIT Guwahati where participants had to build a robotic arm which had to pick and drop 3 different colored square blocks in their respective places. Team size : 3.

### 2nd Prize in 'Circuit-Tiesta' (01/2014)

It's an event organized in tech-fest at Academy Of Technology where individuals participant had to design and execute an electronic circuit corresponding of a given task. Team size : 1.

### 3rd position in 'Line Follower' (01/2014)

It's an event organized in tech-fest at Academy Of Technology where participants had to build an autonomous robotic car bot which follows a white curved path on black background. Team size :3.

### 1st Prize in 'Circuit-Tiesta' (01/2013)

It's an event organized in tech-fest at Academy Of Technology where individuals participant had to design and execute an electronic circuit corresponding of a given task. Team size : 1.

## PERSONAL PROJECTS

### Dream Home (01/2021 - Present)

- Fully automated Room Electrical Appliances Control with Web app interface for controlling/visualizing/monitoring/setting appliances or sensor's references or remotely control the appliances.

### Anti-Crime System (07/2019 - Present)

- It's IoT based system integrated with Django web application. On a single press of a button(either software or hardware), the system tracks the victim location and alarms the locals with a siren and push notification to the nearby mobile users as well as the police station. It will be very helpful when mobile network is not available at the victim location.

### Accounting tool for school. (04/2017 - 02/2018)

- Using VBA and PostgreSQL this tool enables the easier and quicker way of data computing.

## CERTIFICATES

### Vocational Training Certificate (06/2013)

Vocational Training Certificate on Electrical Operation & Maintenance Work and Functionality of different equipment of Sub-Station of WBSETCL.