

Shokin

A Python developer with almost 2 year experience in the IOT software industry, skilled in analysis, design, development, deployment of applications services, microservices using Flask, Django & Backend Technologies.

Gurgaon, Haryana

+919034485629

itsshokeenkhan@gmail.com

[linkedin.com/in/shokeen-khan-42585217a](https://www.linkedin.com/in/shokeen-khan-42585217a)

EXPERIENCE

Orahi, Gurgaon— Full stack developer

NOV 2020 - PRESENT

- Responsible for Architecture and design implementation including database schema.
- Developed a scalable and improved performance smart home IOT automation system using microservices Architecture with flask, kafka, mysql, druid-db.
- Analysing old php, javascript code, documenting business code logic, discussing performance improved, best user experience approaches with team.
- Mentored junior Python developers and trained them to work independently.
- Integrated standard security protocols- OAuth2, kong-api gateway for api microservices, Adyen and paytm payment gateway.
- Worked on IOT protocols - 433 mhz, zwave.

Orahi, Gurgaon— Python developer

OCT 2019 - NOV 2020

- Design and created scalable, secure APIs using django rest framework and flask for app, web dashboard.
- Developed services for vehicle tracking IOT devices which handles live data of many cities of school buses and run business logic using mqtt, websockets and tcp protocol technologies.
- Db migration scripting, documentation of backend logic, existing code bug fixing, maintain and improvement in existing application code.
- Perform deployment of application on custom servers and on AWS EC2 instances using docker.
- Developed python connectors that connect and get live data of IOT devices- gps, smart watch using redis, mqtt, tcp technologies.
- Worked within an agile team and helped prioritize and scope feature request to ensure that the biggest impact features were worked first.

EDUCATION

Bachelor of technology (CSE)— Guru Jambheshwar University of Science and Technology, Hisar, Haryana

AUG 2015 - AUG 2109

XII— C.C.A.S Jain Sr.sec School, Ganaur, Sonipat, Haryana

APR 2014 - JUL 2015

X — C.C.A.S Jain Sr.sec School, Ganaur, Sonipat, Haryana

APR 2012 - JUL 2013

SKILLS

Languages: Python 2.x/3.x, javascript, node js

Frameworks: django, flask

Databases:

mysql, mongo, redis, hbase, druid, nosql

Protocols: tcp, http/https, mqtt, 433

mhz, zwave

Technologies:

git, gitlab, aws, ec2-instance, docker, kubernetes-basics, linux-ubuntu, websockets, oops concepts, rest api, cron job, pdb.

Methodologies: Agile, Scrum

PROJECTS

Locate- A GPS tracking service which handles data of bus gps, run business logic and send notifications to apps, user can get kms covered, ignition time, trip details, stops covered, route taken & much more.

Mykid- A smart watch service which handles data of smart watches of childs, track their movements, handle alarms, calling, SOS etc.

Smart home automation(for Sweden base client)- Microservices which control smart device like bulb, door sensors, bell, thermostat etc, store their history, payment, subscription handling & much more.

433mhz, zwave, protocol handler- protocol handler which encrypt, decrypt data for 433 protocols, zwave and send to main gateway for controlling of devices.

INTERESTS

- Singing and playing music instruments
- Acting
- Cricket
- Exploring history and space