

# Asadullah Farooqi

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## PROFESSIONAL EXPERIENCE

### Backend Engineer

#### SafePay

Mar 2022 - Present

- Extended REST-APIs of SafePay with additional payments and admin features.
- I added more payment methods in the checkout methods, Easypaisa, Abhi, etc.
- Updated the version of REST-API, and related packages for additional security.
- The Tech stack in my daily job is Golang, Go-kit, Docker, MySQL, Make, Bash, Linux, etc.

### Software Engineer

#### Siemens DIS

Feb 2020 - Mar 2022

- Added multiple clouds in the IoT Edge solution for AWS and Azure cloud support.
- Implemented features for Mentor Embedded IoT Framework, wrote docs and design docs.
- Wrote a complete test automation framework using Python for unit testing.
- As I worked with IoT products I get a chance to work with Debian Linux and Yocto Linux builds from the base code till the release build. Build, and debug the Linux images and deployed the IoT on them, etc.
- Added features in other automation software that are deployed with Jenkins.
- Tech stack in my daily job was Golang, Python, C, Docker, make, Cmake, Linux, virtualization, etc.

### Temporary Python Contractor

#### TechBay

Nov 2020 - Jan 2021

- A temporary part-time contract for adding the vendor feature in the app for additional business.
- Implemented the vendor interface in Halidai App, Both the backend and the Frontend.
- The vendor concept in the app brought business to the product. As it was a totally new idea.
- Python, Django, Hapi JS, MongoDB, Git, etc were the technologies that I used in my work.

### Temporary Contractor

#### Punch Group

Dec 2019 - Jan 2020

- A temporary part-time contract based on resolving the ongoing issues and removing the blockers.
- Implemented the card frontend logic in [Skipify](#) using React JS.
- Wrote a web app for the sales team to interact with the lead generation which automated manual workflow.
- Optimized the lead generation code to reduce the cloud cost, scrapers would efficiently collect jobs/projects and direct them to the sales team to pitch for the projects which brought business.
- The tech stack I used in daily work is Python, ReactJS, NextJS, Docker, GraphQL, and Shopify-API.

### Software Engineer Intern

#### Maher Inc

Dec 2018 - Mar 2019

- Fixed UI problems and bugs in [Stylemepretty](#) using React JS.
- Most of my responsibilities were a live financial dashboard. So I Added features in the Frontend and Backend of that dashboard. Live data of POS (point of sales) was stored in databases. The dashboard with technical details charts and statistical tools had to help the analytics to make good decisions and grow the business. I made the dashboard more analytical and practical for the analysts, providing clean data, statistics, different types of charts, and much more detail through the dashboard.
- The Tech stack I use in my daily work is JavaScript, React JS, HTML, CSS, Echart JS, Python, Django, Pandas, Docker, etc.

## SKILLS

**Programming Languages:** Python, Golang, JavaScript(ES6), C, TypeScript, (bash-scripting)

**Web:** Django, Flask, Go-kit, Apollo Client, React JS, NextJS, HTML, CSS, Bootstrap, Material-UI, Angular JS, EChart JS

**Other tools & Technologies:** Git, Docker, Kubernetes, MongoDB, Cmake, Graphene, Pandas, Jupyter-Notebook, Jinja2, Agile development, GraphQL, MySQL, Azure, AWS.

## PERSONAL PROJECTS

### Upwork and Other Freelance

- I have been freelancing on Upwork and with direct clients.
- Did a quantitative project environment setup. Resolved dependency issues in legacy code.
- Fixed Agones (a gaming server based on Kubernetes API) tests.
- Fixed/Completed a variety of small projects from different direct clients.

### Inventory Web App

- An Inventory web app for wholesalers built with Python, Django, jinja2, MySQL, HTML/CSS, and Bootstrap. The app is supposed to help the client with his day-to-day customer's ledgers.

## EDUCATION

Government College Loralai  
Farooqi Public High School

Fsc (Mathematics)  
Matriculation (Science)

2013 - 2015  
2011 - 2013