

# Hassan

## Senior Software Engineer

### SUMMARY

- Software Engineer with excellent problem-solving and debugging skills, eager to demonstrate a unique range of skills, commitment, and dedication to developing world-class software solutions - Upper-Intermediate English

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Django, Python
<b>Programming Languages</b>	JavaScript, Python, TypeScript
<b>JavaScript Frameworks</b>	AngularJS, React, Vue.js
<b>Python Frameworks</b>	Django, Django, FastAPI, Flask
<b>Python Libraries and Tools</b>	Django-Q, Pandas, Python Fabric, Scrapy
<b>Data Analysis and Visualization Technologies</b>	Apache Airflow, Pandas
<b>Databases &amp; Management Systems / ORM</b>	AWS ElasticSearch, MongoDB, MySQL, PostgreSQL, Redis, SQL, SQLAlchemy, SQLite
<b>UI Frameworks, Libraries, and Browsers</b>	Bootstrap, CSS, HTML
<b>Amazon Web Services</b>	AWS EB (Amazon Elastic Beanstalk), AWS EC2, AWS ECS (Amazon Elastic Container Service), AWS ElasticSearch, AWS RDS (Amazon Relational Database Service), AWS S3
<b>Collaboration, Task &amp; Issue Tracking</b>	Asana, Jira
<b>Message/Queue/Task Brokers</b>	Celery
<b>Virtualization, Containers and Orchestration</b>	Docker
<b>SDK / API and Integrations</b>	FastAPI
<b>Web/App Servers, Middleware</b>	gUnicorn, Nginx
<b>Deployment, CI/CD &amp; Administration</b>	Jenkins, New Relic

<b>Platforms</b>	OpenEdx
<b>QA, Test Automation, Security</b>	Selenium
<b>Logging and Monitoring</b>	Sentry
<b>Scripting and Command Line Interfaces</b>	Shell Scripts
<b>Hosting, Control Panels</b>	uWSGI

## EXPERIENCE

### Principal Software Engineer, Arbisoft

Mar 2021 - Present

#### Responsibilities:

- To analyze the requirement
- To design the architecture of new features and take key design decisions
- To manage inter-team communication during the development process
- To lead the team and help them in the development process
- To develop complicated features
- To train juniors to make them fruitful team members

### Principal Software Engineer, The Entertainer

Mar 2020 - March 2021

#### Responsibilities:

- To design and develop APIs for The Entertainer and Munch
- To develop scrapers to get required data from multiple vendors
- To develop cron jobs to update merchant and outlet data
- To design and develop a loyalty system for multiple apps

### Senior Software Engineer, Fiverivers Technologies

Jan 2017 - Mar 2020

#### Responsibilities:

- To analyze the requirement
- To design the architecture of new features and take key design decisions
- To design and develop backend APIs for Mobile Apps and multiple Admin dashboards
- To design algorithms to calculate player performance in different shooting tests for Ballogy App
- To lead the team and help them in the development process
- To manage inter-team communication during the development process
- To manage the servers and all deployment activities
- To monitor the performance of servers



## **Software Engineer, QC Technologies**

Aug 2014 - Dec 2016

### **Responsibilities:**

- To analyze the requirement
- To develop the changes and features requested by the client
- To write Unit tests and Functional Tests

## **Research Officer Grade III, KICS, UET, Lahore**

Feb 2014 - Aug 2014

### **Responsibilities:**

- To work on multiple research-based projects

## **EDUCATION**

**Computer Science, PUNJAB UNIVERSITY COLLEGE OF INFORMATION TECHNOLOGY**

2015 - 2018

**BS Electrical, THE UNIVERSITY OF ENGINEERING AND TECHNOLOGY, LAHORE**

2009 - 2013

