# Iman Shafiei Alavijeh

Software Engineer & Full-Stack Developer

## Work Experience

**TechMockInterview,** Vancouver, Canada | Apr 2020 – Present

### Software Developer

Selected Skills: Django REST Framework, AWS Services, NuxtJS, PostgreSQL, OOP, Design Patterns

- Designed a scalable architecture using AWS services such as Cognito, RDS, ECR, S3, EC2, Code Pipeline, and Cloud Front.
- Migrated from a monolithic system to service-oriented architecture to improve scalability and better management of the code.
- Integrated the service with third-party scheduling and payment services such as Acuity Scheduling and PayPal for reducing the cost and time of development.

**SerendyCity – ShiarStudio,** Tehran, Iran | Jan 2021 – Aug 2022

### Software Engineer

Selected Skills: Flask, VueJS, MongoDB, OOP

- Designed and implemented a scalable map service with PostGIS which could handle serving GeoJson files in Mapbox.
- Implemented microservice architecture that enabled the technical team to handle and scale the services better with the help of AWS services.
- Acquired in-depth knowledge of scaling, automation, and handling a considerable amount of data by developing map-based social media.

**Diagram Studio,** Tehran, Iran | Jan 2019 – Dec 2020

### Full-stack Developer

Selected Skills: Django, AngularJS, PostgreSQL, Domain Driven Design, OOP

- Led a team of 6 developers with the Agile manifesto to increase efficiency on the development of the first online ERP application in Iran for managing the salon, reservations, accounting, and employees of cafes and restaurants.
- Used Domain Driven Design to gain a more comprehensive understanding of the system before implementation and break down a complex domain into multiple simple ones.
- Handled the concern of availability of the service, one of the most important concern of users, by developing an offline mode with the ability to sync with the online one.

**Porsline,** Tehran, Iran | Oct 2017 – Apr 2018

### Full-Stack Developer

Selected Skills: Django RESR Framework, AngularJS, PostgreSQL

- Developed a robust service with the ability to handle hundreds of requests.
- Used REST principles for implementing API services to provide better support for 3$^{rd}$ parties.

## Education

**B.Sc. in Computer Software Engineering** | Sep 2015 – Apr 2020

### Iran University of Science and Technology, Tehran, Iran

Thesis Title: Design and Implementation of an ERP Software for Sales Management

## Contact Info

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## Skills

Python • Django REST Framework • Flask • Django • NuxtJS • VueJS • JavaScript • TypeScript • SOA • Microservices • DDD • MongoDB • PostgreSQL • HTML5 & CSS3 • AWS Services • Automation • Docker • GIT • Linux

## Language

Persian – Native

English – Full Professional Proficiency

## Selected Voluntarily Work

**Computer Engineering Scientific Students' Association,** Head of Association, Iran University of Science and Technology | 2017-2018

**Iran PyCon**, Head of Management Committee and Executive Committee, Iran University of Science and Technology | May 2018