Abolfazl Amiri
Python & Web Developer

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About Me

Hi! I'm a Team Leader & Web Developer, currently working as CTO at **SnappCarFix**, the largest online platform for car parts and services in Iran. I have around 5 years of experience in software development mainly in Web Development, more than 2 years of leading the tech teams. My aim is to enhance user experience and create new values in addition to delivering a clean scalable code, by being closely in touch with the end-users. I can easily make strong sincere relations with my team and help them to develop themselves. I'm a self-learner, without prejudice on tools and tech stacks, and ready for new challenges.

- Education: B.S. Computer Engineering
- Military Service: Exempted
- Marriage: Single
- Birth Date: 22 Feb 1996

Skills

In summary, i have experience working with these tools and often use them:

- Python
- React
- GitHub/GitLab CI/CD
- Django
- Sass, Tailwind
- Linux Servers
- JS, TS
- Docker
- A Bit DevOps ;)

Experiences

CTO - Web Developer
SnappCarFix / CarFillo

Sep 2019 - present
Isfahan, Iran
Full-time

Python, Django, React, Memcached, Celery, Docker,

SnappCarFix is an online platform for Car parts and services, backed by Snapp (Uber clone). It includes web apps for Stores, ServiceCenters, Agents, and Sellers, to offer products/services like oil, battery, engine parts, car wash, etc, with 7 delivery/service solutions per product. CarFillo sells products to service centers, it's an Online Shop, which service centers gain credits here based on their services on SnappCarFix.

snappcarfix.com   ag.snappcarfix.com   sc.snappcarfix.com   carfillo.com

Responsibilities:
- Leading developers team (10-15 developers)
- Develop and deliver platform
- Specifying platform technical structure and tools
- Managing and targeting technical parts of contracts

Contributions:
- Restructured the platform by replacing 3 backend projects with a core project (Panda) using Python/Django to serve API for online shops and apps
- Replaced 2 WordPress shops with a single React project which is handling 4 shops, and has a better UI/UX for driver customers

- Changed development process to a TDD version, managed with Agile methodologies using Trello
- Specified a clean multi-stage interview to the onboarding process, interviewed over 50 persons, and hired 20 ones
- Replaced ServiceCenters app with a PWA version, to gain real-time updates, 60% faster service submits
- Created Agents app to speed up gathering and managing service centers data by almost 80%, also making the process paperless
- Developed the core module for users and utilities and specified a better structure for backend projects
- Created more than 15 admin pages for teams to manage data and co-work faster, leading to decreased customer support response time by 40% and removing 5 person/year manual work time
- Added cache layers leading to gain around 50% faster response times on APIs
- Restructured DevOps solutions to use Docker and GitLab CI/CD on multiple servers, added monitoring systems, logging managers, and backup plans, leading to gain 10k RPS handling
- Added appointments solution to split orders between service centers based on their capacity, current warehouse stock, and number of possible services per work shift, considering off-days and sale plans
- Created Accounting and Logistic Management modules to decrease manual work and human mistakes
- Automated several jobs like auto expiring of outdated coupons or monthly Agents bill
- Created Sellers platform to gain faster products warehouse stock and price updates
- Developed and structured the core module for React frontend projects
- Rewritten Panda project to Matrix, using Django 3.2.10 with better security and faster infrastructure solutions based on Kubernetes
- Rewritten T2Bco backend(.net) project to Radix using Python/Django
- Rewritten T2Bco frontend project using React

Achievements:
- Standing on top of quick service e-commerce in Mid East in terms of Order & Revenue
- Recording over 1.5 million users and their vehicle data
- Recording over 15,000 online orders per day
- Selling over 12,000 tires in 24 hours
- Recording over 15,000 service centers data
- Arming over 2,000 service centers in the whole country
- Recording over 2,500 services submitted by service centers per day
- Upgrading e-commerce share of GDP by 1.5%
- Decreasing logistic costs by 45%

Web Developer

Jun 2019 - Nov 2019
Ontario, Canada
Part-time (Remote)

Press'nXPress

JS/TS, NestJS, React, Angular, MySQL,

Press'nXPress is monitoring & measuring feedbacks in the real-time platform which gathers data from multiple sources like Terminals and Chips our company created, SMS, Voice, etc. Data will be stored and analyzed to multiple charts letting users perform needed queries. We had customers like Airlines, Governments, Malls, and Gyms.

pressnxpress.com   scanortap.com

Contributions:
- Developed backend, frontend, and admin panels of scanortap with NestJS and React
- Refactored some parts of main platform from SailJS to NestJS and Angular to React

Web Developer

Sep 2018 - Sep 2019
Isfahan, Iran
Part-time

Motosel
Python, Django, JS/TS, React, ReactNative,

A platform for car consumables which includes multiple web/mobile apps for ServiceCenters and Stores. The aim was to sell oil and related products to service centers with great offers, and increase their customers. This Company later split into two companies, CarFillo and SnappCarFix (backed by Snapp, Uber clone in Iran), which i'm working as CTO on both of them.

Contributions:
- Refactored and restructured core backend project with Python/Django
- Developed a microservice to sync data between Stores and ServiceCenters
- Developed a real-time messaging module for in-app chats

Backend Developer

Aug 2018 - Sep 2018
Tehran, Iran
Internship

Rahnema College
Python, Django, JS/TS, ReactNative, MySQL, Redis,

Rahnama College is one of the most valuable internship programs in Iran, with multiple courses like Development, Digital Marketing and etc. They select 30 interns from over 1000 volunteers, after an online exam and in-person interview. The program contains 2 weeks of learning technical and soft skills (from DevOps to Teamwork) and 8 weeks of developing.

`github.com/Akaskhoone/` `rahnemacollege.com`

Contributions:
- Developed & managed backend project (combination of Instagram and Pinterest features)
- Configured and deployed project on linux server with nginx and mysql

Web Developer

Apr 2016 - May 2017
Mashhad, Iran
Full-time

Saj Tech
Python, Django, JS, HTML, CSS, MySQL,

The platform was a location-based delivery and management application for stores, with ideas of delivery with drones. Unfortunately, this company went bankrupt because of a lack of funding after two years.

Contributions:
- Developed users, warehouse modules using Django
- Developed APIs for admin panels and our Android app
- Developed 3 frontend projects including 2 websites and an Admin panel

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Projects

Check out my site & Github for projects.

`abolfazlamiri.ir/#Projects` `github.com/aasmpro`