

CAREER SUMMARY

Software Engineer • Full-Stack Developer • DevOps Enthusiast

- **A young, energetic, and highly resourceful software engineer** with 3 years of full-time work experience as a software engineer and 6 years of overall experience in web development, supported by a solid academic background
- **A reliable and communicative teammate** who has worked under several agile software development methodologies like Scrum, XP and Kanban (and non-agiles!!!)
- **A proactive problem-solver who provides creative, and efficient solutions** for actual enterprise challenges in software development and deployment
- **Constantly researching for best software development practices** to avoid technical debts and code smell and to find the most recent design patterns and software architectures
- **Worked with wide range of software development tools** including high-level programming languages like python, java, typescript, common frameworks like Django, Spring Boot and Angular and several CI/CD toolsets like GitLab Runner, Jenkins and Circle CI

Key Skills

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|----------------------|-----------------------|---------------------------|
| ▪ C / C++ / Qt | ▪ SQL Database Design | ▪ Virtualization / Docker |
| ▪ Python 3 / Django | ▪ CMake | ▪ CI / CD |
| ▪ Java / Spring Boot | ▪ ML/ Tensorflow | ▪ Microservices |
| ▪ Golang | ▪ Typescript/ Angular | ▪ Linux Administration |

PROFESSIONAL EXPERIENCE

Starfish Medical, Victoria, Canada

Jan 2022 – Present

StarFish Medical is one of Canada's largest medical device design, development and contract manufacturing companies.

Software Engineer

The software team at Starfish works on a variety of projects. I currently have several responsibilities, to develop Firmware for ARM-based microcontrollers, implement and design Web-based services and healthcare IoT solutions using, maintaining CI/CD approaches of the corporate and developing Qt clients and Test beds.

Pasargad Electronic Payments, Tehran, Iran

Dec 2019 – Sep 2021

One of the pioneers of e-commerce in Iran. This company is mainly working on e-wallets, internet payment gateways, POS programming, smart city, and several other creative payment methods.

Software Engineer | R&D Engineer

Initially I was hired as a software engineer working on legacy code. After a successful refactor and optimizing the performance of that product, I was offered to form an R&D team to work on modern payment solutions. Simultaneously I continued my duties as a hands-on-code software engineer. Due to moving to Canada we parted ways. These are the tasks that I am mostly proud of.

- **Optimization and improving concurrency** of a legacy java-based web-service which was initially written by apache mina2 and apache wicket by breaking it into microservices and using multi instances.
- **Implementation of a fraud detection system** based on gaussian distribution to filter the suspicious banking transactions. We also implemented a RESTful Api using Django and MySQL.
- **Changing the deployment pipeline of Smart City team** by adding automated testing and modifying the git workflow
- **Creating a new e-wallet service** using java spring boot, hibernate ORM for backend and typescript and Angular for administration panel

Ponisha, Tehran, Iran

Sep 2016 – Dec 2019

The main freelancer hiring platform in Iran

Freelancer

During my bachelor's degree, I cherished both studying and working. As a result, picking up short-term projects as a freelancer was an ideal job for me. Besides, I contributed to several projects taken from sources other than Ponisha. There is a list of my notable project

- **Requirements analysis and applying advanced UML** for a wedding revenue website
- **Implementation of a smart web scraper** using python selenium and tor browser to bypass anti-scraping policy of the web service
- **An android book reader app** with java and android studio. I also created an XML parser engine from scratch to handle book formatting

EDUCATION

Master of Science, Computer Engineering, Sep 2019 - Feb 2021

Iran University of Science and Technology, Iran, Tehran

- Software Major
- GPA 3.67
- Researching on Cloud Gaming Network Latency

Bachelor of Science, Computer Engineering, Sep 2015 - Sep 2019

Iran University of Science and Technology, Iran, Tehran

- Software Major
- GPA 3.45
- Ranked among top 10% of students, qualified to start master's degree without a fee
- Head teaching assistant of many software courses like the operating systems, languages and automata theory, etc.
- Final project topic: Formal Verification of Smart Contracts in Ethereum Blockchain

Certificates

Academic IELTS 2020

- 7.5

- no skill below 6.5

General Celpip 2023

- Overall 10
- No score below 9.5

GRE 2021

- 167 math
- 3.5 writing