

Peyman Shojaei

SOFTWARE ARCHITECT · BLOCKCHAIN EXPERT

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“Give me a lever long enough, and a place to stand, and I will move the earth.” — Archimedes

Education

University of Amsterdam

Amsterdam, The Netherlands

M.SC. IN COMPUTER SCIENCE

2010 - 2012

- Got an HSP Scholarship which was given to promising international students.

Amirkabir University of Technology (Tehran Polytechnic)

Tehran, Iran

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

2004 - 2008

Skills

Programming	Python, Node.JS, C/C++, Objective-C, Swift, Java, Go, LaTeX
Web	Django, Flask, Vue, HTML5, LESS, SASS
Mobile	iOS and Android development using both native and hybrid methods
Languages	Persian (Farsi), English, Dutch

Work Experience

Xeco Labs

Amsterdam, The Netherlands

CO-FOUNDER & SOLUTIONS ARCHITECT

Nov. 2017 - PRESENT

- Building next generation investment portal for IndexPeople (tech stack Python/Django/PostgreSQL/MySQL/Heroku/Pandas/NumPy).

Coinograph

Amsterdam, The Netherlands

CO-FOUNDER & SOFTWARE ARCHITECT

Nov. 2017 - PRESENT

- Developed Coinograph bot and backend services.
- Automated provisioning and deployment of services using Ansible.
- Set up CI/CD using Jenkins.

dunderline.io

Amsterdam, The Netherlands

FOUNDER

Jul. 2016 - PRESENT

- Helping companies and startups as software architect and full-stack developer.
- Clients including TravelBird B.V., Quby B.V., Jump.work, Spaaza Technologies B.V.

TravelBird B.V.

Amsterdam, The Netherlands

FREELANCE SOFTWARE ENGINEER

Apr. 2017 - Jun. 2017

- Implemented TravelBird software integration with Amadeous and Eurotours channel manager services which allowed the company to import hotels, availability, and pricing data of these providers automatically (tech stack Python/Django/MySQL/ElasticSearch).

Quby B.V.

Amsterdam, The Netherlands

FREELANCE MOBILE APP DEVELOPMENT SPECIALIST

Sep. 2016 - Feb. 2017

- Devised the roadmap and architectural vision regarding the future of company's mobile solutions.
- Supervised the development of solutions by an offshore team.
- Was responsible for hiring and building an in-house team to make the next generation of company's mobile apps.

FIND A SHELF

Amsterdam, The Netherlands

CO-FOUNDER & PLATFORM ARCHITECT

Sep. 2015 - Dec. 2016

- Designed and developed online platform (tech stack Python/Django/Postgres).
- Automated provisioning and deployment of services using Ansible.
- Co-developed the core business.

Jump.Work NL

Amsterdam, The Netherlands

FREELANCE SOFTWARE ENGINEER

Aug. 2016 - Sep. 2016

- Implemented the resume search subsystem in Jump's software stack (Python/Django) with ElasticSearch as the search engine.

TravelBird B.V.

Amsterdam, The Netherlands

LEAD SOFTWARE ENGINEER

Jun. 2015 - Mar. 2016

- Led Productive Birdies team in developing internal tools to enable company's staff accomplish more in less time and better inspire travelers (tech stack Python/Django/MySQL/ElasticSearch).
- Contributed to the hiring process by evaluating job applications and conducting interviews.

TMG (Telegraaf Media Groep)

Amsterdam, The Netherlands

LEAD SOFTWARE ENGINEER

Dec. 2013 - May. 2015

- Led mobile development team in developing native applications for iOS and Android platforms.
- Designed and developed next generation of mobile backend and APIs (tech stack Python/Django/MySQL/ElasticSearch).
- Developed native and hybrid mobile apps for iOS and Android platforms and all associated backend systems (tech stack Python/Flask/AppleEngine).
- Contributed to the hiring process by evaluating job applications and conducting interviews.

Hyves

Amsterdam, The Netherlands

SOFTWARE ENGINEER

Oct. 2012 - Dec. 2013

- Was responsible for resolve bugs and implement new features for Hyves social network (tech stack PHP/MySQL/Redis).
- As part of the mobile development team, helped developing mobile website of De Telegraaf and DFT mobile app using hybrid solution.
- Contributed to the hiring process by evaluating job applications and conducting interviews.

Vembler

Amsterdam, The Netherlands

CO-FOUNDER & SOFTWARE ENGINEER

Sep. 2012 - May. 2014

- Designed and developed Vembler online product (tech stack Python/Django).

Beonten, Inc.

Amsterdam, The Netherlands &

Boston, USA

SOFTWARE ENGINEER & RESEARCHER

Sep. 2011 - Mar. 2013

- Contributed (remotely) to Barter product development as a researcher and developer.
- Designed and developed a document reuse detection module that automatically detects reused text fragments across documents submitted into the system and visualises document reuse tree (tech stack Python/Django).

Virtual Education Center, Tehran Polytechnic

Tehran, Iran

LEAD SOFTWARE ENGINEER

Apr. 2008 - Aug. 2011

- Designed and developed the new generation of Learning Management System and virtual classroom for Amirkabir University of Technology (Tehran Polytechnic) (tech stack Java/JBoss/Flex/ActionScript/OracleDB/FMS).
- Trained teachers and students on how to use the built systems.
- Built monitoring tools to monitor production services.

IT-Orbit Co

Tehran, Iran

SOFTWARE ENGINEER

Nov. 2008 - May. 2009

- Did R&D work on Software Product Lines (SPL).
- Designed and implemented an eclipse RCP product as a front end for a rule engine developed in the company (tech stack Java/JBoss).

DPCO

Tehran, Iran

SOFTWARE ENGINEER

Mar. 2006 - Dec. 2008

- Worked on Iran Switch Management Network (ISMN) project.
- As part of the technical design and implementation team, was responsible for developing the application for management and control of country's telecommunication traffic (tech stack Java/OracleDB/WebNMS).

Honors & Awards

2012 **NSF Grant**, National Science Foundation Program (I-Corps #1217250)

USA

2010 **Scholarship**, Huygens Scholarship Program (NUFFIC)

The Netherlands

2005 **Finalist**, ACM-ICPC, Asia Region, Tehran Site

Tehran, Iran

Presentation

WORKSHOP ON INFORMATION IN NETWORKS

New York, USA

PRESENTER FOR <INFORMATION REUSE NETWORKS: DETECTION & CREDIT ATTRIBUTION>

Sep. 2012

- Introduced a new method for tracking idea reuse in text documents.

Program Committees

2004 **Organizer & Presenter**, IKT Conference

Tehran, Iran