

# 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

M.Sc. IN COMPUTER SCIENCE

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

Amsterdam, The Netherlands

2010 - 2012

### Amirkabir University of Technology (Tehran Polytechnic)

B.Sc. IN COMPUTER SCIENCE AND ENGINEERING

Tehran, Iran

2004 - 2008

## Skills

### Programming

Python, Node.JS, C/C++, Objective-C, Swift, JAVA, Go, LaTeX

### Web

Django, Express, Redux, React, HTML5, LESS, SASS

### Mobile

iOS and Android development using both native and hybrid methods

### Languages

Persian (Farsi), English, Dutch

## Work Experience

### Xeco Labs

CO-FOUNDER & SOFTWARE ARCHITECT

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

Amsterdam, The Netherlands

Nov. 2017 - PRESENT

### dunderline.io

FOUNDER

- 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.

Amsterdam, The Netherlands

Jul. 2016 - PRESENT

### TravelBird B.V.

FREELANCE SOFTWARE ENGINEER

- Implemented TravelBird software integration with Amadeus 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).

Amsterdam, The Netherlands

Apr. 2017 - Jun. 2017

### Quby B.V.

FREELANCE MOBILE APP DEVELOPMENT SPECIALIST

- 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.

Amsterdam, The Netherlands

Sep. 2016 - Feb. 2017

### FIND A SHELF

CO-FOUNDER & PLATFORM ARCHITECT

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

Amsterdam, The Netherlands

Sep. 2015 - Dec. 2016

### Jump.Work NL

FREELANCE SOFTWARE ENGINEER

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

Amsterdam, The Netherlands

Aug. 2016 - Sep. 2016

## 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