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

Summary

I am a software engineer, pythonista, and starter based in Amsterdam. A blockchain enthusiast, casual trader, and passionate about photography.

Work Experience

Xeco Labs *Amsterdam, The Netherlands*
CO-FOUNDER & SOLUTIONS ARCHITECT *Jun. 2018 - PRESENT*

Coinograph *Amsterdam, The Netherlands*
CO-FOUNDER & SOFTWARE ARCHITECT *Nov. 2017 - PRESENT*
- Developed Coinograph bot and backend services.
- Autmoated 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).
- Autmoated 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 Andhroid 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/AppEngine).
- 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.

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