

POUYA ATAEI

Software Engineer & Computer Scientist

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in pouya-ataei-bb1254ba

polyhistor

Pouya-Ataei



Precursor

This identification is merely the idea of myself to provide with specious and precarious sense of permanence. For this idea is relatively fixed, being based upon carefully selected memories of my past, which have a preserved and fixed character. Social conventions therefore, encouraged me to form this idea of myself with equally abstract and symbolic roles and stereotypes

What I have to offer?

A passionate software engineer with 10+ years experience developing robust code with stress on efficiency, reusability and scalability. I have held responsible positions in a number of companies specialising in software as a Software Engineer, Tech Lead, Lead Architect, Researcher and Teacher. I constantly perceive the multitudes of complexity within the simplicities and I'm always looking at things through the prism of creativity.

What I'm looking for?

- Company with a vibrant and positive environment.
- Direct engineering hands-on involvement.
- Time and opportunity to learn and apply emerging technologies.
- Friends to build a good products with.
- Work hard, but not at the weekends.

Skills

Javascript/Typescript	● ● ● ● ●	HTML5 & CSS3	● ● ● ● ●
Golang	● ● ● ● ●	Kubernetes/Docker	● ● ● ● ●
Rust	● ● ● ● ●	Linux/Bash/Awk	● ● ● ● ●
PHP	● ● ● ● ●	Node/Bun/Deno	● ● ● ● ●
C#/Java	● ● ● ● ●	SQL/NoSql	● ● ● ● ●
C/C++	● ● ● ● ●	Python	● ● ● ● ●
Software Architecture	● ● ● ● ●	Data Structures & Algorithms	● ● ● ● ●
Kafka/Redpanda	● ● ● ● ●	Design Patterns	● ● ● ● ●
Qualitative/Quantitative Research	● ● ● ● ●	Cloud Computing	● ● ● ● ●
Distributed Systems	● ● ● ● ●	Mathematics	● ● ● ● ●

Work Experience

Lead Development Architect

Sep 2021 – Current
Auckland, New Zealand

- Stood responsible as one of the company's lead architects, taking part in critical technological decisions across different regions

- Planned, initiated and implemented a distributed data layer to provide with a declarative client-driven API.
 - Worked on an event-driven architecture using Kafka, deployed and tested an archetype with consultants from Confluent
-

Tech Lead

Jun 2021 – Sep 2021
Auckland, New Zealand

- Stood responsible as one of the company's lead architects, taking part in critical technological decisions across different regions
 - Planned, initiated and implemented a distributed data layer to provide with a declarative client-driven API.
 - Worked on an event-driven architecture using Kafka, deployed and tested an archetype with consultants from Confluent
 - Took part in many feature development, technical debt management, and incident management
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Senior Fullstack Developer

Jul 2020 – Jun 2021
Auckland, New Zealand

- Initially hired as a senior frontend developer, but soon turned into frontend tech lead and stood accountable for all Ezyvet frontend applications
 - Constantly injected team with best practice, introduced new technologies and took part in complex feature development or refactoring
 - Planned and initiated a grand refactor, improved modifiability, performance and security by factor of 5
 - Interviewed, onboarded and trained Ezyvet new employees
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Fullstack Developer

Feb 2020 – Jul 2020
Auckland, New Zealand

- Dispatched to Vodafone to embark on the development of new E-shop.
 - Initially joined as a frontend-developer, but I do take parts in CMS development, backend development as well.
 - Extensive involvement in checkout pages, cart validation, products page, component development, SEO, analytics, UI testing, end to end testing and integration development.
 - Work day-to-day with various stakeholders either on development of new concepts, or removing bugs and defects.
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Frontend Engineer

Jun 2019 – Feb 2020
Auckland, New Zealand

- Responsible for the migration of three new websites from Wordpress to Gatsby, React, Contentful and Node, handling 900 Wordpress blogs, with attention to SEO schema and markups
 - Responsible for optimizing current WordPress websites
 - Developing a cross-browser compatible and responsive web application that is partially dynamic and mostly static
 - Handled concurrency among API calls and updating prices based on received prices, names, descriptions, etc
 - Helped the company with a better SEO strategy
 - Took parts in UI/UX design
 - Used emerging technologies in both frontend and backend, making the application blazing fast!
 - Implementation of a polyglot persistence to reach more efficiency and scalability.
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Founder, Lead Developer

Jun 2019 – Feb 2020
Tehran, Iran

- Implemented a SEO strategy that made our website stand on average position of 8.5 with CTR rate of 6.5
- Led a team of 3 people to launch the early version of our website's AMP version that increased traffic by 70%
- Teaching variety of different programming languages
- Handling most of companies major operations such as marketing, contents, administration, student handling, system developments, and orchestrations

- Developed, maintained, and updated pouyaraveshan.org on regular basis, providing a pleasant user graphical interface, alongside a compact engineering.
- Deployed and configured company's learning management system to both provide an ultimate experience to the clients and to automate various gigantic processes within the organization.
- Responsible for spearheading teams that handled the software development life cycle

Full Stack Developer

June 2015– Nov 2016
Bandar Sri Permaisuri, Malaysia

- Friendly place with variety of different projects to dig in through, from front-end developments to e-commerce, customized, and exclusive systems.
- Decreased rework by 22% and costs by 15%.
- Consistently received high user experience scores for all web development projects
- Increased projects performance to stand at least 95% on Google's Pagespeed
- Prototyped an average of 25 new product features per year.
- One of my sites received a 2015 Malaysia website award for UI/UX and Structure.
- Extensive involvement in development, maintenance, and deployment of projects
- Working with development team to identify user needs, use cases, and metrics to focus priorities and prepare documentation.
- Analysis and studies of web based systems to clear out defects and possible breaches, and to improve performance and security.
- Creation of graphic contents and EDM's is another process that I took part in.
- Responsible for presenting finalized projects, digging through every and each functionality in a friendly manner.
- Interviewing candidates to assess their knowledge toward computer science and software programming.

Full Stack Developer

May 2015– Nov 2016
Tehran, Iran

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Workshop Assistant, Python Developer

Feb 2015– May 2015
Tehran, Iran

- Internship for duration of 3 months, with given opportunity to explore and visit various universities in Kuala Lumpur, by providing Python, NOsql, Cloud, and Web Development workshops.
- Responsible for debugging and fixing any problems that clients may face during workshop sessions.
- Took a part in technical writing for company's project.
- Contributed in development of company's loyalty campaign platform
- Besides, have been involved in positive and productive events teaching kids programming using both plugged and unplugged approaches.

Education

B.S.C in Software Engineering (Dual Degree)

Stanford University

Jan 2012 – April 2015

B.S.C in Software Engineering (Dual Degree)

Asia Pacific University of Technology

Jan 2012 – April 2015

M.S.C in Software Engineering	Stanford University	Setember 2015 – Feb 2017
P.H.D in Computer Science	Auckland University of Technology	Feb 2019 – May 2024
Nano Degree in Data Architecture	Udacity	Dec 2022 – Feb 2023

Publications

Books

- Conway, D. (2000). *Object Oriented Perl: A comprehensive guide to concepts and programming techniques*. Connecticut, USA: Manning Publications Co.

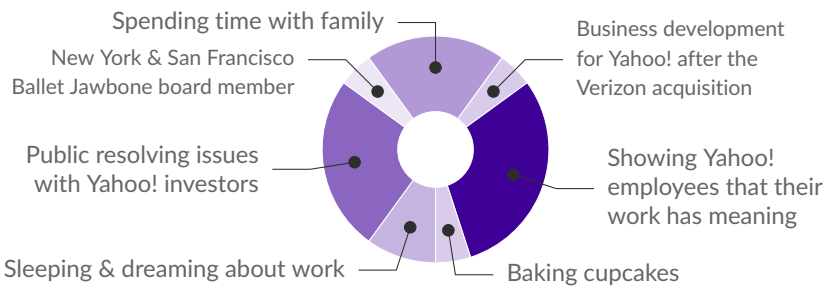
Journal Articles

- Codish, M., Marriott, K., & Taboch, C. (2000). Improving program analyses by structure untupling. *Journal of Logic Programming*, 43, 251–263.
- Meyer, B. (2000). A constraint-based framework for diagrammatic reasoning. *Applied Artificial Intelligence*, 14, 327–344.

Conference Proceedings

- Zou, W. Y., Socher, R., Cer, D. M., & Manning, C. D. (2013). Bilingual word embeddings for phrase-based machine translation. In *Emnlp* (pp. 1393–1398).
- Hu, J., Wu, H., Jennings, A., & Wang, X. (2000). Fast and robust equalization: A case study. In *Proceedings of the world multiconference on systemics, cybernetics and informatics, (sci 2000), florida, usa, 23-26 july 2000* (pp. 398–403). FL, USA: International Institute of Informatics and Systemics.

A Day of My Life



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