Jonathan Khoeini

Senior Software Engineer @ Spotify

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HIGHLIGHTS

Software engineering leader with **15+ years** of experience. Technical co-founder. CTO. VP of Technology. Proficient in multiple tech stacks including Backend (**Java**, **Python**, **Node**), Frontend (**TypeScript**, **React**), devops and cloud services (**Kubernetes**, **BigTable**, **PubSub**), **iOS**, And **Data Engineering**.

Keywords

Java • Python • Swift • Ruby • Elixir • Go • NodeJs • ExpressJs • GCP • pub/sub • bigtable • GKE • PostgreSQL • Redis • gRPC • Javascript • Typescript • React • NextJs • HTML • CSS • SASS • CSS in JS • CSS Modules • Atomic CSS • Service Workers • Progressive Web App (PWA) • Scrum • Kanban • Agile • System Design • Algorithms and Datastructures • TDD • BDD • OOP • FP • SOLID • Docker • K8s • CI/CD • Bash • Linux • NGINX • Webpack • Babel • NPM • Yarn • Jest • Cypress • Git

PROFESSIOINAL EXPERIENCES

Senior Software Engineer (Spotify)

(6 years) December 2019 – Present
Stockholm, Sweden

- Mentored a team of engineers to *replace a legacy customer support dashboard*, Reducing Average handle time by 80% and incidents by 99%.
- Led a team of senior engineers in an **RFC-driven approach** to define and implement the first platform for the product area, reducing the risk from vendor lock-in and onboarding new lines of business.
- Led an initiative to *reduce the number of PagerDuty alerts* by implementing a **data-driven approach**, successfully reducing PagerDuty alerts by **over 80%**. Helped to create a **reliability working group** for the product area, generated our first-ever **monthly availability report** for our product area.
- Took ownership of *~200* inherited **data pipelines** (Flyte/Scio), resolving high-impact incidents across customer-support data flows.

Interim CTO (JustTech)

February 2019 – December 2019
Stockholm, Sweden

- I joined as a SWE Consultant and got promoted to an Interim CTO.
- Attended board meetings, oversaw the hiring process, managed employee departures, and mentored staff among other things.

Senior Software Engineer Consult (Sqore)

February 2019 – May 2019
Stockholm, Sweden

- Operated an in-house Kubernetes cluster, serving customers around the world.
- Developed a new product based on AirTable and Elixir, supporting marketing and analytics teams.

- Maintained a tech stack comprised of Ruby on Rails, TypeScript, React, and PostgreSQL, delivering a product serving numerous global universities as clients and millions of students as users.

Freelance Software Developer (Various Projects)

January 2018 – January 2019
Istanbul, Turkey

Launched various projects in as a freelancer. Notably:
- The development of a scientific library in Crystal Language
- The migrating of a web application from React/Redux/REST to ReasonML and GraphQL.

CTO / Agile Coach (Abgostaran)

March 2017 – December 2017
Tehran, Iran

Decided the technological direction and team composition, hiring skilled developers, building a high-performing team capable of executing our technological vision. Created a culture of iterative development and continuous improvement.

Senior Consultant (IranTIP)

January 2016 – June 2017
Tehran, Iran

- Helped shaping the architecture and implementing the complete frontend structure of the website.
- Setup GitLab instance for version control and implemented CI/CD pipelines to streamline the development process.

VP of Technology (Intelligent Information Solutions Center (IIS)) Jan 2016 – Jun 2017

Tehran, Iran

Implemented a portal for the the Ministry of Education, making sure the requirements of the stakeholders have been delivered building a custom framework inspired by React and Angular, while implementing a great user experience for the users.

CTO & Co-founder (Chejoori)

May 2016 – Mar 2017
Tehran, Iran

Engineered a robust mobile app using React Native, Developed an interactive chatbot for the Telegram platform, Architected and implemented a scalable infrastructure for our services based on Docker.

CTO & Co-founder (Kelasi)

Apr 2013 – Jan 2016
Tehran, Iran

Implemented a microservice architecture utilising Docker, Ruby on Rails, ClojureScript, and React, ensuring scalability and maintainability.

Web Developer & Designer (Student Help Center)

2012 – 2013
Tehran, Iran

Designed, developed, and delivered a custom Drupal website using PHP and jQuery, enabling marketing and online services for the Student Help Center.