

Isfahan, IRAN  
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# Hamed Pourshafiee

Software Engineer

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## Summary

A Software Engineer with +8 years of experience in various software development stacks and infrastructure. Passionate about getting work done fast and efficiently. I am looking for an environment where teams collaborate productively, Technologies are cutting-edge, and there is always room for improvement.

## EXPERIENCE

### *Technical Lead and DevOps Engineer*

**Bluecouch AI, Vancouver (Remote), Canada**

JUNE 2021 – PRESENT

- Conducted the evaluation and integration of over 20 tools and technologies to optimize product design for MVP development and preparation for production readiness.
- Coordinated with Backend, Frontend, and Infrastructure teams to create scalable, reliable, and maintainable software solutions.
- Collaborated with stakeholders to translate their requirements into actionable product features, adding over 10 new features to the product portfolio.
- Mentored and guided six team members through pair programming to enhance technical skills and improve task efficiency.
- Increased team productivity across three projects by developing bootstrapping infrastructure, front-end architecture enhancements, and a backend rate-sheet engine.
- Automated the release process—reducing deployment time to five minutes—by designing CI/CD pipelines using GitLab CI, ArgoCD, EKS (AWS Kubernetes). Leveraged Terraform for infrastructure automation (IaC), improving system usability.
- Utilized CloudFront and Cloudflare for CDN implementation, achieving A-grade improvement in Frontend asset loading performance.
- Developed comprehensive monitoring and alerting systems using Sentry and DataDog for superior incident management.

### *Senior Backend Developer and DevOps Engineer*

**Bluecouch AI, Vancouver (Remote), Canada**

SEPTEMBER 2020 – MAY 2021

- Oversaw and reviewed the work of three developers, ensuring alignment with product goals and adherence to quality standards.
- Facilitated collaboration between front-end and back-end teams to accelerate development processes and optimize project outcomes.

- Developed an automated engine for generating client Rate Sheets, resulting in measurable time and cost savings for the organization.
- Streamlined build processes by containerizing all applications with Kaniko, reducing build times and improving caching efficiency.
- Deployed backend applications on AWS Elastic Beanstalk and frontend applications on AWS Amplify, enhancing the scalability and reliability of services.
- Established a standardized local development environment for all team members using Vagrant, improving developer productivity and consistency.

### ***Senior Backend Developer***

**Fekre Bartar, Isfahan, Iran**

APRIL 2019 - SEPTEMBER 2020

- Development and implementation of a Foursquare-based application within 1 month using React-Native, leveraging advanced React libraries.
- Creation of a dashboard panel utilizing React.js, Redux, and Ant.design kit to streamline user interface management.
- Facilitation of skill development by training two developers to enhance the dashboard's functionality and features.
- Integration of CI/CD pipelines using GitLab CI and Heroku while deploying Dockerized applications for improved efficiency and scalability.
- Collaboration with business developers to analyze requirements and define technical tasks for streamlined execution.
- Delivery of innovative solutions to optimize functionality and support business objectives through full-stack development expertise.

### ***Senior Backend Developer***

**Saina, Isfahan, Iran**

JUNE 2018 - APRIL 2019

- Facilitated the development of team competencies by designing and implementing tailored learning paths.
- Improved the design and functionality of a dashboard for a cloud management system, enhancing usability and efficiency.
- Optimized and customized OpenStack to integrate its features seamlessly into a cloud provider system.
- Collaborated with team members to ensure alignment between design features and system requirements.
- Contributed to streamlining deployment processes within the company's infrastructure environment.
- Identified and addressed technical bottlenecks in cloud management tools to enhance performance.

### ***Senior Backend Developer***

**Tickro, Isfahan, Iran**

DECEMBER 2017 - JUNE 2018

- Designed and implemented a Pick-up Delivery service, utilizing advanced navigation algorithms and solutions to optimize efficiency.
- Guided stakeholders on technical requirements and system capabilities to align with business goals.
- Developed a system for tracking all motorized vehicles of Isfahan Municipality, ensuring operational oversight.
- Automated the process of issuing permits through the system, enhancing regulatory compliance and administrative efficiency.

- Collaborated with cross-functional teams to ensure seamless integration of the Pick-up Delivery service with existing municipal systems.
- Improved transportation management processes by integrating real-time data tracking and reporting functionalities into the platform.

### ***Senior Backend Developer***

#### **Chartex, Tehran, Iran**

MAY 2015 - DECEMBER 2017

- Designed and implemented an architecture to meet the requirements of a multi-product startup, ensuring scalability and maintainability.
- Conducted reverse engineering of a legacy flight ticketing system, enhancing understanding for integration and redevelopment purposes.
- Improved stability in the flight ticket issuance process, reducing errors to below 1%, and optimizing operational efficiency.
- Developed a front-end panel tailored for travel agencies, delivering enhanced user experience and functionality.
- Configured servers with Ansible to automate deployment processes and ensure consistency across environments.
- Deployed virtualization solutions using Proxmox, facilitating efficient resource management and infrastructure scalability.

### ***Full Stack Developer***

#### **Negin Tejarat, Isfahan, Iran**

JUNE 2014 - MAY 2015

- Supervised a team of 6 members in the Tech Team to ensure project delivery and operational efficiency.
- Implemented a SaaS-based solution, replacing legacy methods for website and mobile application development, resulting in improved scalability and customer experience.
- Oversaw technical processes and workflows, contributing to the overall optimization of team productivity.
- Directed full-stack development projects, aligning with organizational goals and industry best practices.
- Ensured seamless delivery of tech solutions by coordinating closely with team members and stakeholders.
- Led efforts to enhance development standards through modernized tools and approaches tailored to client requirements.

### ***Full Stack Developer***

#### **Pooya Pendar, Isfahan, Iran**

OCTOBER 2012 - JANUARY 2014

- Development of both front-end and back-end components for a Restaurant Reservation Service, ensuring functionality and user-friendly interfaces.
- Creation of a desktop application tailored for South Pars Oil & Gas Development, addressing specific operational needs.
- Extensive experience in web development with Angular v1.x framework.
- Integration of design principles to deliver cohesive and responsive application interfaces.
- Focus on scalable architecture supporting seamless system operation.
- Demonstrated expertise in software solutions addressing industry-specific requirements.

## ***Full Stack Developer***

**Rasekhooon, Isfahan, Iran**

APRIL 2011 – OCTOBER 2012

- Led the development and completion of a comprehensive Content Management System.
- Contributed to elevating the project to become the 36th most-viewed website in Iran.
- Boosted content creation efficiency by 20% through the design of a content generator and a customizable template engine.
- Strengthened user experience by improving the loading speed of content by 40% with the implementation of a caching system.
- Ensured scalability and performance optimization through full-stack development practices.
- Delivered high-quality solutions adhering to project timelines and technical standards.

## **EDUCATION**

### ***Bachelor's degree in Computer Software Engineering***

**Islamic Azad University, Najafabad Branch**

## **LANGUAGES**

English(Fluent)

## **SKILLS**

### ***Operating Systems***

**Windows, Linux, macOS**

### ***Cloud Providers***

**AWS (VPC, RDS, EKS, CloudFront, S3, API Gateway, Lambda, SQS, SNS)**

### ***DevOps Tools***

**Docker, Kubernetes, Gitlab CI, ArgoCD, Prometheus, Graphana, ELK Terraform, Ansible**

### ***Software Tools***

**Python, Django, Flask, Bash, Golang**