

Moein Pakkhesal

Software Engineer . Toronto, ON

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Professional Experience

- FlashBox (flashbox.co) – Software Engineer . Lead Software Engineer** March 2021 — Present | Toronto, Canada
 - Oversaw a team of 5 senior backend developers, coordinating efforts across on-site and remote environments.
 - Developed and managed mentorship programs for interns and new developers, focusing on skill advancement and professional growth.
 - Collaborated closely with the operations team to deliver optimized solutions, improving system efficiency and performance.
 - Maintained technology infrastructure and stack through collaboration with the engineering department lead and other technical leads.
 - Developed and deployed a microservices infrastructure to enable same-day delivery services, including dynamic routing systems for drivers and comprehensive ordering channels for merchants.
 - Enhanced API performance by over 30%, leading to quicker package fulfillment and improved warehouse automation.
- AloPeyk (alopeyk.com) – Software Engineer . Lead Software Engineer** September 2016 — March 2021 | Tehran, Iran
 - Lead a team of senior backend developers (PHP, Node JS) through team and tasks management, code quality checks, and mentorships.
 - Optimized AloPeyk's order dispatching service by integrating GeoRadius and Lua, significantly enhancing performance by eliminating redundant MySQL queries.
 - Implementation of a service-based architecture that utilized the RabbitMQ message-broker system for in-cluster communications.
 - Managed application requirements within Docker and Kubernetes environments, and integrated Docker Compose into local development setups.
 - Designed and developed a microservice-based architecture for on-demand delivery, scaled to handle up to 50,000 requests per minute.
 - Developed the control panel interface utilizing front-end technologies including AngularJS, jQuery, Bootstrap, Google Maps, Highcharts, HTML, and CSS.
 - Produced and delivered financial and business reports by executing complex MySQL queries.
- DPM – Software Developer** June 2014 — September 2016 | Tehran, Iran
 - Developed and maintained web applications and APIs utilizing PHP (Laravel), NodeJS, MySQL, MongoDB, and Redis.
 - Developed and designed web and mobile applications using AngularJS, Ionic, Vue.js, jQuery, Bootstrap, HTML, and CSS.
 - Designed and maintained client websites across various CMS platforms, including WordPress, Joomla, OpenCart, and Magento.

Skills

Core	Software Engineering • Algorithms • Version Control • Systems Design • Database Management
Programming	PHP • Laravel • NodeJS • Javascript • Typescript • AngularJS • C# • Lua
Database	DBMS • MySQL • MariaDB • PostgreSQL • MongoDB • Redis
Other	RabbitMQ • GeoRedis • Docker • Kubernetes • GoogleCloud • Azure • Gitlab CI/CD

Interests

- Open-source software development
- Networks and server security
- Software architecture
- Machine learning

Education

- Associate's degree in Software Engineering | IAUSR | 2013 — 2015
- Bachelor of science in Software Engineering | IAUSR | 2015 — 2018