

Moein Pakkhesal

Software Engineer . Toronto, ON

Professional Experience

FlashBox (flashbox.co) – Software Engineer . Lead Software Engineer March 2021 – Present | Toronto, Canada

- Oversee a team of senior backend developers, coordinating efforts seamlessly across on-site and remote environments to optimize project execution.
- Develop and manage mentorship programs for interns and new developers, focusing on skill advancement and professional growth to cultivate a highly skilled and collaborative professional environment.
- Collaborate closely with the operations team to deliver optimized solutions, enhancing system efficiency continuously.
- Maintain technology infrastructure and stack through strategic collaboration with the engineering department lead and other technical leads, ensuring robust and up-to-date systems.
- Develop and deploy a microservices infrastructure that enables same-day delivery services, incorporating 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, integrating GeoRadius and Lua which cut down response times by 40% and enhanced overall performance by eliminating 35% of redundant MySQL queries.
- Implementation of a service-based architecture that utilized the RabbitMQ message-broker system for in-cluster communications.
- Directed the seamless integration of Docker Compose into local development setups and managed application requirements within Docker and Kubernetes environments, boosting workflow efficiency by 30%.
- Designed and developed a microservice-based architecture for on-demand delivery, scaled to handle up to 50,000 requests per minute.
- Led the design and development of a highly interactive control panel using AngularJS, jQuery, and Bootstrap, which improved the user experience.
- Produced and delivered financial and business reports by executing complex MySQL queries.

DPM (Web Agency) – 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

Others RabbitMQ • GeoRedis • Docker • Kubernetes • GoogleCloud • Azure • Gitlab CI/CD

Interests

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

Education

- Bachelor of Science in Software Engineering | IAUSR | 2013 – 2018