# Moein Pakkhesal

Software Engineer . Toronto, ON

🌐 moein.codes
📱 +1 (905) 782 2163
✉ moeinpaki@gmail.com
in https://linkedin.com/in/moeinpaki

## 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

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|---|---|
| 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