

Arash Emadi

Senior Software Developer | MERN Stack | Micro-services | Cloud-Ready Solutions

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Profile

Experienced full-stack engineer with 10+ years building scalable applications across diverse industries. Specialized in the MERN stack, microservice architecture, and GCP. Known for mentoring developers, supporting cloud migrations, and contributing to hiring and CI/CD practices.

Experience

OCTOBER 2021 - PRESENT

Scotiabank, Toronto, Canada – *Senior Software Developer*

- Senior contributor in the Customer Onboarding group, working across a large-scale microservices ecosystem deployed on Google Cloud Platform (GCP)
- Developing and maintaining production-level MERN stack applications using React, Node, and MongoDB
- Converting Figma designs into performant, accessible UI components
- Investigating production issues using Dynatrace, Splunk, and Medallia
- Enforcing code quality & security standards with Checkmarx, Jest, and manual code review
- Building and maintaining CI/CD pipelines with Argo and Jenkins
- Regularly participating in cross-team collaboration, handling integrations and release coordination
- Interviewing candidates across multiple teams and mentor new engineers
- Played a key role in the company-wide cloud migration from Azure to GCP (Atlas)

FEBRUARY 2019 - OCTOBER 2021

Elite Digital, Toronto, Canada – *Senior Developer*

- Led a team of 6 front-end and full-stack developers.
- Owned multiple projects end-to-end while improving system architecture and developer workflows.
- Selected tech stacks and tools for new projects
- Reviewed and optimized legacy codebases for performance and security
- Maintained team velocity with daily PR reviews and mentorship
- Acted as technical lead, liaising with clients and internal stakeholders

OCTOBER 2017 - FEBRUARY 2019

Elite Digital, Toronto, Canada – *Full-stack Developer*

- Built full-stack web applications using MERN and LAMP stacks
- Designed reporting tools for large-scale contest platforms
- Converted design files (Figma, Zeplin, Sketch) to full-stack applications and WordPress themes
- Created complex SQL queries and optimized database performance
- Developed custom WordPress plugins and PHP frameworks (Laravel, CodeIgniter, etc.)

AUGUST 2017 - OCT 2017

LM Staffing International, Toronto, Canada - *Full-stack Application Developer*

- Built internal MVC application for call center analytics using CodeIgniter
- Enhanced DB performance (reduced query time from 12s to 8ms)
- Built AJAX-heavy front-end with custom JS visualizations

2013-2017

222 Ministries International, Turkiye - *Web Developer*

- Designed, developed, and maintained over 13 websites and apps using PHP, Joomla, WordPress
- Created a searchable web-based database for 2,000+ monthly entries
- Implemented security layers (CSRF, XSS protection), optimized queries, and created logging systems

Skills

Core Skills: JavaScript, TypeScript, React, Node.js, Express, PHP, Laravel, MySQL, MongoDB, WordPress, REST APIs

DevOps & Tooling: Jenkins, Argo, Git, CI/CD, GCP (Atlas), Azure, Docker (familiar), GitHub Actions (familiar)

Monitoring & QA: Dynatrace, Splunk, Medallia, Checkmarx, Jest, Unit Testing, Code Review

Collaboration: Agile/Scrum, Figma, Interviewing & Mentoring, Cross-team Communication

Certifications

- CSM (Certified Scrum Master)
- CSPO (Certified Scrum Product Owner)
- MCTS - ISA Server
- In Progress: Google Cloud Certified Associate Cloud Engineer (Expected mid-2025)

Technical Writing

Author of "My Coding Journey Will Help You Start Yours" — a popular article helping new devs get started on dev.to — <https://dev.to/arash/my-coding-journey-will-help-you-start-yours-43op>

Links

- Portfolio: <https://arashemadi.com/>
- Github: <https://github.com/arashemadi>
- Dev.to: <https://dev.to/arash>
- LinkedIn: <https://linkedin.com/in/arashemadi>