

Mehran Naghizadeh

Senior Full-Stack Engineer

SaaS specialist, experienced in performance optimization, architecture, and technical mentorship.

Gent, Belgium

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EXPERIENCE

Stage 2

2024 Jun – 2026 May, Gent

Senior Full-Stack Developer

Ruby on Rails, Ember, PostgreSQL, Chart.js, CI/CD

- » Contributed to a no-code application-builder with a multi-tenant architecture and a highly flexible data model.
- » Optimized complex ActiveRecord queries for millions of records.
- » Built interactive data visualization using Chart.js.
- » Developed comprehensive backend and frontend test suites.
- » Contributed to an LLM-powered conversational feature enabling users to perform application tasks through natural language.

Unit4

2020 Feb – 2024 Jun, Remote

Senior Software Engineer

Ruby on Rails, Ember, PostgreSQL, Capybara, Azure

Performance

- » Reduced complex report generation from ~20 minutes to ~10 seconds by optimizing ActiveRecord queries and SQL.
- » Improved frontend responsiveness using Ember lifecycle hooks to prevent the UI from blocking during heavy operations.

Architecture and Maintainability

- » Re-architected parts of the frontend application to eliminate antipatterns and align with Ember's intended data flow.
- » Reduced frontend code base size by 30% through refactoring and architectural improvements.
- » Applied the DRY principle to reduce test suite size by 20% while improving maintainability.

Teamwork

- » Worked in a Scrum environment with a strong Behavior-Driven Development (BDD) workflow.
- » Collaborated on requirement analysis and behavior definition, then implemented Capybara integration and end-to-end tests within a Scrum/BDD workflow.

Mentorship

- » Initiated weekly JavaScript and Ember knowledge-sharing sessions, strengthening the team's frontend expertise.

Redpencil

2018 Nov – 2019 Nov, Brussels

Semantic Web Developer

Ember, Elixir, SPARQL, Virtuoso

- » Built multiple Ember.js applications from scratch for the Flemish Government's Open Data project (LBL0D).
- » Contributed to open-source microservices and Ember add-ons.
- » Wrote tutorials for the team's open-source projects.
- » Contributed to an initial exploration of integrating semantic HTML.

SKILLS

Languages and Frameworks

- » Ruby on Rails
- » Ember.js
- » Elixir
- » TypeScript
- » Vue.js

Data

- » Virtuoso
- » Neo4j
- » SPARQL
- » PostgreSQL

Testing

- » Behavior-Driven Development
- » Test-Driven Development

Cloud and DevOps

- » Heroku
- » Azure
- » AWS
- » Docker

EDUCATION

Master of Architecture

2004 | Shahid Beheshti University, Tehran

ACHIEVEMENTS

Bronze Medal

1995 | National Math Olympiad, Iran

LANGUAGES

- » Persian Native
- » English C2
- » Dutch B2

Behnegar

2009 Mar – 2018 Nov, Tehran

Technical Director

Python, Maya, MEL, Nuke, Modo, Flash

- » Developed an in-house Python-based animation pipeline.
- » Onboarded and trained junior artists and interns.
- » Led a team of 4 developers building Flash applications.

Asa

2003 Feb – 2009 Mar, Tehran

Visual Effects Artist

LightWave3D, Fusion, Flash

- » Created animations and visual effects for TV commercials, documentaries, and architectural previsualizations.