

# Seyed Hossein Mirian | Senior Software Engineer (MERN & MEVN stack)

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## PROFESSIONAL PROFILE

Full-Stack JavaScript Engineer with more than 15 years of experience designing, developing, and deploying scalable, testable web applications.

Expert in JavaScript/TypeScript, Next.js, React, Vue.js, Node.js, Express, and MongoDB. Passionate about clean architecture, performance optimization, and building maintainable code.

## CORE SKILLS

Frontend: Vue2, Vue 3, React 19, Next.js, TypeScript, TailwindCSS, SCSS, StoryBook, ShadCN

Backend: Node.js, Express, NestJS, REST, GraphQL, WebSockets

Database: MongoDB, PostgreSQL, Redis, Mongoose, Prisma

Testing & QA: Jest, Vitest, Supertest, Cypress

DevOps & Tools: GitHub Actions, CI/CD, ESLint, Prettier

Practices: TDD, Feature-based architecture, Code reviews, Agile (Scrum/Kanban)

## PROFESSIONAL EXPERIENCE

**Senior Software Engineer** | Maersk | 03/2022 – Present | Maidenhead, UK [GitHub](#)

- Engineered 5+ scalable microservices utilizing Node.js, Express, and Nest.js, increasing API throughput by 30% and reducing latency by 20% for critical supply chain operations applications.
- Built responsive Vue 3 and React micro frontends using module federation and Storybook.
- Led high-impact Maersk projects, including the Visibility and Supply Chain Planning (SCP) platforms, driving successful delivery and operational efficiency.
- Team leading, mentored junior developers and implemented best practices in code reviews.

**Frontend Engineer** | University of Oxford | 01/2020 – 03/2022 | Oxford, UK [GitHub](#) | [LiveDemo](#)

- Developed a FAIR-compliant system for sharing publishers data using Vue.js, Vuetify and Vuex improved user satisfaction ratings by 30% based on post-implementation surveys conducted within three months.



- Recognized as the top contributor and continued to be the project's leading collaborator.

## OPEN SOURCE & PERSONAL PROJECTS

**Personal Portfolio (In Progress)** – Next.js + React + TypeScript + Vitest + ShadCN | [GitHub](#) | [Live Demo](#)

- Rebuilding my [legacy portfolio](#) using the latest **React 19 compiler** and **Next.js app router** to leverage server-side rendering and improved performance.
- Designed a full-stack architecture with client and server integration, deployed on Vercel with CI/CD
- Implemented unit and integration testing using Vitest
- Developed an AI-powered interactive chat system for each portfolio item, integrating MongoDB data to provide contextual knowledge to the AI model, enabling users to ask questions and interact dynamically with individual projects

**Express Typescript BoilerPlate** – Express.js + TypeScript + Supertest + MongoDB | [GitHub](#)

- Built and shared a production-ready, scalable Express.js + TypeScript boilerplate adopted by other developers in the open-source community
- Features modular architecture, centralized error handling, and comprehensive testing with Supertest and Jest.
- Developed a service-oriented architecture (SOA) boilerplate for Node.js/Express.js, suitable for both web applications and API backends

## EDUCATION

MSc Computer Science | **Birmingham City University** | 2019 | Birmingham, UK

## CERTIFICATIONS AND LECTURING

- Udemy instructor | How to Build Scalable Vue.js applications | [GitHub](#) | [Course Link](#)
- College Of Contract Management JavaScript instructor | [CourseLink](#) | [LinkedIn recommendation](#)

## ADDITIONAL INFORMATION

**Languages:** English (fluent), Farsi (native) | **Nationality:** British & Persian

*Additional professional and open-source projects available upon request*

