

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](#) | [LiveDemo](#)

- 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