

Amirhossein Hemmasi

Software Developer | Front-End Developer

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PROFESSIONAL SUMMARY

Software developer with an engineering background and professional experience building responsive web applications, data-driven interfaces, and cloud-integrated software. Currently a Front-End Developer with Sustainable Projects Group in Calgary, working primarily with React, JavaScript, Material UI, Node.js APIs, AWS, and PostgreSQL. Experienced across front-end development, application performance, API integration, testing, code review, and cross-functional collaboration.

PROFESSIONAL EXPERIENCE

Front-End Developer | Sustainable Projects Group (SPG) *Mar 17, 2025 - Present*

Calgary, Alberta | Full-time, permanent

- Develop and maintain software application features for the JOBI platform.
- Design and maintain user-facing features using React, JavaScript, and Material UI.
- Collaborate on software architecture, API integration, testing, and application performance improvements.
- Integrate front-end components with Node.js APIs, AWS services, and PostgreSQL-backed systems.
- Build reusable UI components, participate in code reviews, and troubleshoot technical issues across the application.

Front-End Developer - Independent Contractor | Sustainable Projects Group (SPG) *Dec 2023 - Mar 1, 2025*

Remote from Iran | Contract engagement

- Provided remote front-end development services to SPG before commencing Canadian employment.
- Built and maintained web interfaces and reusable application components, collaborating remotely with the development team.
- Supported application development, API integration, debugging, and performance improvements.

IT Manager | Khoy Textile Company *Nov 2022 - Nov 2023*

Iran

- Managed and secured databases, IT infrastructure, inventory/ERP-related systems, and data backup processes.
- Developed and maintained company web functionality and supported internal users and business systems.
- Provided technical support, security assessments, employee training, and cross-functional IT coordination.

Front-End Developer - Independent Contractor | Robust Choice *Apr 2022 - Dec 31, 2022*

Remote / Contract

- Worked on the Personize.ai Google Sheets add-on and related web tooling.
- Collaborated with data scientists, built data/model workflows, and implemented logic for batch processing.
- Contributed to credit management, user management, Google Sheets integration, and the admin portal.

Front-End / Full-Stack Developer | Organic Minded *Nov 2019 - Apr 2022*

Iran

- Participated in Agile development, gathered requirements, and implemented front-end and back-end features.
- Developed and extended APIs, designed database objects, and created UI layouts and reusable components.

SELECTED PROJECT

WorldSignal | Personal Quantitative Research Project *2026 - Present*

- Building a research platform for market-state analysis and forecasting using historical futures and macroeconomic data.
- Developed data-quality gates, reproducible feature pipelines, benchmark models, and audit-oriented research workflows.
- Uses Python, PostgreSQL, market-data APIs, and cloud/software engineering practices for reproducible analysis.

TECHNICAL SKILLS

Front End

React, JavaScript, TypeScript, Material UI (MUI), HTML/CSS,

	Vue.js, Bootstrap
Back End / APIs	Node.js, REST APIs, C#, .NET / .NET Core, JSON, XML
Data	PostgreSQL, Microsoft SQL Server, MySQL, BigQuery
Cloud / DevOps	AWS, Azure, Google Cloud Platform, Git, CI/CD, Azure DevOps
Tools / Practices	VS Code, Visual Studio, Agile/Scrum, code review, testing, performance optimization, ClickUp

EDUCATION & CERTIFICATIONS

B.Sc. Mechanical Engineering | Tehran Azad University | 2014 - 2020

Microsoft Full Stack Software Engineering in .NET | Sematec Institute | 2020 - 2021

Professional Certificate - Advanced C# Programming | Sematec Institute | 2019

Professional Certificate - .NET Fundamentals / C# Programming | Sematec Institute | 2019

Professional Certificate - SQL Server Database Development and Design | Sematec Institute | 2019