Parisa Moshfegh

Software Developer

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View my portfolio at [myPortfolio](#)

[myLinkedin](#)

[myGitHub](#)

Self-motivated and driven software developer with 6+ years of experience designing and building scalable applications. Skilled in both frontend and backend technologies, with a proven ability to enhance user engagement and drive project success. Passionate about continuous learning, delivering high-quality solutions, and fostering team growth.

Skills

- **Frontend**: React.js, React Native, Redux, Vue.js, TypeScript, HTML, CSS (SCSS, Tailwind, Bootstrap)
- **Backend**: Node.js, Express, Java, Python, C++, C#, MongoDB, PostgreSQL, GraphQL
- **DevOps & Cloud**: Docker, Kubernetes, AWS (Lambda, S3), Google Cloud, CI/CD (GitHub Actions, Jenkins)
- **Testing & Automation**: Jest, Cypress, Mocha, Selenium
- **APIs & Architecture**: REST, GraphQL, Microservices, Serverless Architecture
- **UI/UX & Design**: Responsive Design, Accessibility, SEO, Figma
- **Tools & Methodologies**: Git, Bitbucket, Agile (Scrum), Jira
- **AI/ML**: Neural Networks, Deep Learning (In Progress)

Work History

Software Developer   07-2022 - Present

[OwnersBox](#)**, Kitchener, ON**

- **Full-Stack Development:** Streamlined user registration with a multi-page onboarding flow, reducing fraudulent account creation.
- **Feature Optimization:** Launched features like Battle Passes, boosting user engagement and revenue. Redesigned lobby and navigation to scale user activity from 1M to 10M game entries.
- **System Design & Security: Built secure APIs** for password resets**,** improving **account security and user trust.**
- **Testing & Quality Assurance:** Enhanced by 50% codebase **reliability** with **Jest** on frontend and **Selenium** on backend.
- **Leadership & Mentorship:** Led a cross-functional team of 5 to deliver key marketing projects and **mentored** 4 co-op students, driving their growth and project success.

Frontend Software Developer   10-2021 - 07-2022

[BonjourResidences](#), Montreal , Quebec

- Developed a new **responsive** platform from the ground up using **React, CSS, Bootstrap, JavaScript, Django**, and **Webpack**, ensuring a **scalable** and maintainable architecture.
- **Optimized** page load times by 29% through performance-focused coding practices, enhancing **site speed** and user experience.
- Designed and implemented a responsive **React-based** map feature, enabling users to find nearby housing options based on specific criteria.
- Reduced platform bugs by 40% through proactive maintenance, ensuring a seamless and reliable user experience.

Computational Organic Research Assistant   01-2020 - 07-2022

Stephen Hanessian At University of Montreal, Montreal , QC

- **Independent Cancer Research**: Conducted cancer research in collaboration with Servier Inc. Designed 12 optimal compounds for protein binding using **Python scripts** to be synthesized.
- **Project Management & Publication**: Managed **3 separate research** projects, published 1 paper in *Nature Communications*, highlighting significant contributions to the field.

Computational Organic Chemist at Faculty of Pharmacy   12-2018 - 04-2019

Faculty of Pharmacy, Lille

Education

2020-09 - 2021-06	**Ph.D. Candidate: Computational Chemistry**	
	University of Montreal - Montreal, QC	
2018-09 - 2020-08	**Master of Science Chemistry, Biology And Drug Design**	
	University of Strasbourg - Strasbourg	
2015-09 - 2018-07	**Bachelor of Science**	
	University Of Grenoble Alpes - Grenoble	

Certificates • **Scaled Agile Certificate • AWS Certified Solutions Architect – Associate • Publications in Nature Communications**

Completed Udemy courses: Modern React with Redux, Vue.js the Complete Guide, AWS Machine Learning Engineer nanodegree

Languages English, French and Farsi