

Mahsa Khakpour

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Summary

Full-Stack Developer with experience building scalable, high-performance web applications using React, Node.js, TypeScript, and Python. Skilled in designing RESTful APIs, developing database-driven systems, and optimizing front-end and back-end performance. Strong background in translating business requirements into clean, maintainable software solutions across the full SDLC.

Technical Skills

- **Frontend Development:** JavaScript, React.js, TypeScript, Next.js, Angular, HTML5, CSS3
- **Backend Development:** Node.js, Express.js, Python, REST APIs, PHP, Java
- **Databases:** MongoDB, MySQL, MS SQL Server, SQLite
- **Tools & Practices:** Git, Postman, WordPress, Agile/Scrum, SDLC, REST APIs, Auth, Performance Optimization

Work Experience

Full-Stack Developer

UGTS – Vancouver, BC

2018–2021 & Dec 2024–Present

- Developed full-stack applications with custom React components, backend integrations, and database features.
- Built custom APIs and server-side features to support dynamic content, user workflows, and automation.
- Implemented performance improvements, including caching, asset optimization, and accessibility enhancements.
- Built dynamic pages and API routes in Next.js to handle data fetching and backend logic.
- Collaborated with stakeholders to translate requirements into scalable technical solutions.
- Automated internal processes using CRM integrations and custom scripting, improving operational efficiency.

Full-Stack Developer

Unibuild – Surrey, BC

Dec 2023–Dec 2024

- Developed responsive full-stack applications using React.js, Node.js, and Express, integrated with RESTful APIs.
- Built reusable front-end component libraries and backend modules to improve scalability and maintainability.
- Refactored legacy codebases, reducing load times and improving application responsiveness.
- Participated in Agile sprint cycles, leading code reviews and enforcing clean architecture standards.
- Produced technical documentation for API workflows, system architecture, and deployment processes.

UX/UI Developer

Campus Support – New Westminster, BC

Jan 2023–Dec 2023

- Designed and implemented interactive user interfaces with a strong focus on usability and frontend performance.
- Developed responsive prototypes and collaborated with engineers to ensure pixel-perfect implementation.
- Conducted usability testing and applied data-driven improvements to navigation flows and task completion rates.

Education

- **Certificate, Data Analytics Engineering** – Northeastern University, Vancouver, BC Expected Sep 2026
- **MSc in Computer Science:** Northeastern University – Vancouver, BC May 2025
- **Associate Certificate, Applied Web Development:** BCIT – Vancouver, BC May 2018