# Sajad Daneshmand

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## Work Experience

**Maple**                                                                                        Edmonton, AB

Software Engineer                                                                    May 2021 – June 2023

- Developed REST APIs using Node.js and utilized them using React.js for enhanced user experiences.
- Designed, optimized MongoDB and MySQL databases for geo-queries to achieve superior query performance.
- Migrated the database using Python to another cost-efficient cloud platform resulting in 40% cost reduction.
- Participated in thorough code reviews, focusing on architecture, scalability, and security.
- Deployed a CI/CD pipeline on GitHub Actions for a mobile application on app store and google play.

## Education

Bachelor of Applied Sciences in Software Engineering | **University of Alberta**

## Certificates

**Advanced React |** Meta

- Gained proficiency in React.js and front-end development, especially in state management and API integration.

**Backend development using Node.js/Express.js** | IBM

- Covered server-side development with Node.js and Express.js, REST API development and dynamic contents.

## Projects

**UEvents |** GitHub                                                            (Node.js, Express.js, DynamoDB, EC2, S3)

- Development using REST APIs, user authentication, and event management features on DynamoDB.

**Weather App** | Website | GitHub                                                            (React.js, AWS S3)

- Implemented a weather forecasting application utilizing third-party APIs, deployed on AWS S3.

**Reader App** | Website | GitHub                                                    (React.js, Material UI, AWS S3)

- Created a responsive progressive web application using React.js and utilized AWS services for deployment.

## Skills:

- Proficient in JavaScript, TypeScript, Node.js, React.js, Express.js, Python, Java, PHP, C/C++
- Experienced with NoSQL, SQL, MongoDB, MySQL databases, and cloud platforms such as AWS and GCP
- Strong knowledge of core web principles such as HTTP, the DOM, SSL and REST APIs
- Familiar with Agile methodologies, CI/CD processes, and web servers such as NGINX and Docker containers