

# Adrian Nadeau, Principal Software Engineer

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## SUMMARY

Dynamic Principal Full Stack Software Engineer with over 20+ years of experience in software development and architecture. Expertise in full software development life cycle, particularly with Node.js, Express.js, Java and diverse database systems such as MongoDB and RDMS's. Successfully led architectural projects, including a custom video editing tool and an advanced AR application, while enhancing team communication and productivity. Committed to leveraging unique technical skills to contribute innovative solutions and drive success in future projects.

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## WORK EXPERIENCE

01/2016 – Present

**Founder, Adrian Nadeau Software Development Services**

Saint John, Canada

- Oversee the complete software development life cycle for complex applications and projects.
- Exhibit programming expertise through the design and deployment of large-scale applications.
- Develop tests, debug, and implement essential software tools and utilities.
- Facilitate effective problem-solving and guidance to ensure seamless workflow.
- Demonstrate strong written and verbal communication skills for comprehensive documentation and correspondence.
- Cultivate outstanding interpersonal relationships, fostering a strong team spirit and deep respect for diversity.
- Continuously seek opportunities to collaborate with innovative companies and talented individuals.
- Proficient in multiple programming languages and frameworks, notably Node.js, Express.js, and JavaScript, with extensive experience in backend SQL and NoSQL Databases, enabling the creation of robust and scalable web applications for both server and client sides. Additionally skilled in C#, Java, and SQL, facilitating a broad range of software development and data analysis tasks.

03/2016 – 12/2023

**Senior Application Architect, CGS**

Saint John, Canada

- Architected enterprise applications that align with business objectives and enhance scalability.
- Collaborated on full-stack development leveraging Node.js and Express.js, while integrating with various databases, including MongoDB, MySQL, PostgreSQL, and Oracle.
- Evaluated emerging technologies and industry trends to inform architectural decisions and drive continuous improvement.
- Engineered and advanced an AR app, surpassing business requirements; developed a custom Video Editor utilizing JavaScript DOM, REST API, Node.js, and TypeScript.
- Conducted daily scrum meetings, enhancing communication, collaborative problem-solving, and task tracking, leading to successful project outcomes.

03/2016 – 01/2022	<b>Senior Application Developer, BELL</b>	Saint John, Canada
	<ul style="list-style-type: none"> <li>• Spearheaded four project teams in the development, implementation, and maintenance of CI/CD pipelines in collaboration with the DevOps team, analyzing potential system solutions using IBM uDeploy.</li> <li>• Collaborated within development teams to ensure that application code is produced cleanly, is well-commented, and follows scalability best practices.</li> <li>• Played a pivotal role in upgrading the backends of over 20 projects (REST, Java, JSF, JSP), transitioning build scripts from Ant to Maven, and successfully deploying all components to WebLogic 12c.</li> </ul>	
11/2010 – 03/2016	<b>Senior Programmer Analyst, JD Irving</b>	Saint John, Canada
	<ul style="list-style-type: none"> <li>• Instituted Agile methodologies such as Sprints, SCRUM calls, and Kanban processes, enhancing development efficiency by 70%.</li> <li>• Mentored and developed junior developers, significantly improving coding practices and contributing to the professional growth of six developers.</li> <li>• Executed unit testing for 100% of all software code to validate changes and ensure software integrity.</li> <li>• Managed defect resolution processes, collaborating with team members to replicate, review, and resolve issues as they arose.</li> <li>• Recommended and implemented strategies to enhance development tools and processes, leading to increased efficiency and effectiveness.</li> </ul>	
09/2001 – 11/2010	<b>Founder/CTO, Evolving Solutions</b>	Saint John, New Brunswick, Canada
	<ul style="list-style-type: none"> <li>• Coordinated with third-party vendors to ensure the delivery of efficient solutions for clients.</li> <li>• Directed strategic planning and executed business development initiatives, resulting in revenue growth and market expansion.</li> <li>• Developed an advanced MVC Content Management System, leveraging Java and MySQL as core technologies.</li> <li>• Regularly upgraded application code to meet specific client requirements and enhance user experience.</li> <li>• Managed daily operations, including conducting SCRUM calls and tracking defects to optimize business processes for all projects and products.</li> </ul>	

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## EDUCATION

09/1999 – 11/2010	<b>Saint Mary's University</b> <b>Bachelor of Arts - BA, Sociology</b>	Advanced Training and Services, Canada
09/1998 – 06/1999	<b>Advanced Training and Services</b> <b>Diploma, Object Oriented Programming</b>	Saint John, Canada

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## SKILLS

Node.js	Express.js
React	HTML5
CSS3	DOM
Bootstrap	Git
GitHub	REST APIs
MVC	Java
C#	Tomcat
Jira	PowerShell
JQuery	DevOps
CI/CD	MongoDB
SQL Server	MySQL
PostgreSQL	Oracle Database
Software Development	Full Software Development Life Cycle
Software Design Methodology	Database Management Systems
Feature Specifications Definition	Object-Oriented Programming
Source Control Management	Test Driven Development
Project Management	Agile Methodologies
Scrum Framework	Status Tracking Frameworks
Software Configuration Management	Continuous Integration Tools
Highly Detail-oriented	Critical Thinking & Decision-making
Regulatory Compliance	Continuous Delivery
Testing	API
Technical Leadership	Problem-Solving
Collaboration	Continuous Integration
Cloud Architecture	Distributed Systems
Documentation	Communication
Engineering Fundamentals	Leadership
Programming Languages	chatGPT
Prompt Engineering	Midjourney