

# Benjamin Grady

## Senior Software Engineer

613-217-7549 • [bengrady4@outlook.com](mailto:bengrady4@outlook.com) • [gradyserver.com](http://gradyserver.com) • Remote / Canada

---

### SUMMARY

---

Senior Software Engineer with 9+ years of experience building scalable full-stack applications and leading technical initiatives. Known for mentoring engineers, driving process improvements, and delivering complex cross-functional projects. Deep expertise in .NET/C#, React/TypeScript, and API design across fintech, SaaS, and enterprise platforms.

### TECHNICAL SKILLS

---

Languages	C#, TypeScript, JavaScript, Python, Go, SQL, Java, C/C++, Bash
Frameworks	React, .NET, Node.js, Docker, Kubernetes, Elasticsearch, Kafka, Firebase, Solr
Practices	Agile/Scrum, Domain-Driven Design, REST API Design, Mentorship, Systems Architecture

### EXPERIENCE

---

#### Senior Software Engineer | [MethodCRM](#) October 2023 – Present

- Leading modernization of no-code screen designer platform with a team of 5 developers, 2 QAs, 1 product manager, and 1 designer, using React/TypeScript frontend and .NET/C# backend
- Architecting clean migration path ensuring backwards compatibility for all existing components, data types, and actions across customer screens
- Identified and remediated critical SQL injection vulnerability through cross-functional collaboration, modifying runtime SQL query generation to secure the platform
- Spearheaded Microsoft OAuth email integration, enabling secure authentication for marketing communications
- Implemented unsubscribe email headers and links for marketing compliance and transparent opt-out mechanisms

#### Senior Software Engineer | [Carta](#) September 2022 – July 2023

- Mentored 8+ engineers through regular 1:1 meetings, goal-setting, performance reviews, and guided independent projects for professional development
- Led cross-platform data consolidation initiative, orchestrating user record integration and establishing logical linkages between disparate data sources
- Devised robust framework to identify and rectify record inconsistencies, streamlining data integrity across platforms
- Developed automated system generating comprehensive database snapshots from external platforms for nightly testing data restoration

#### Senior Software Engineer | [URite](#) January 2022 – August 2022

- Developed and maintained underwriting software integrating Microsoft Excel with C# .NET backend for insurance industry workflows
- Introduced Agile methodologies to growing team including sprint planning, retrospectives, Scrum boards, and backlogs
- Implemented Domain-Driven Design patterns to improve codebase maintainability and team alignment

## Full-Stack Developer | [Cambridge Global Payments](#)

July 2018 – January 2022

- Served as REST API Subject Matter Expert, leading weekly reviews of all API changes and ensuring best practices across teams
- Built customer-facing API portal enabling business partners to integrate with payment systems
- Implemented push notifications for Android and iOS mobile apps using Firebase Cloud Messaging
- Developed Multi-Factor Authentication integration using DUO for enhanced platform security
- Created Visual Studio plugin for displaying API statistics inline with code
- Built dockerized service for aggregating and analyzing API usage metrics

## Watson Commerce Support Engineer | [IBM](#)

May 2016 – January 2018

- Completed 16-month internship and continued part-time while finishing university degree
- Collaborated with developers and business stakeholders from multiple Fortune-500 companies on enterprise eCommerce platforms
- Resolved system-critical issues regarding Solr search implementation and order management systems
- Maintained corporate client relations by providing technical expertise and timely issue resolution

## Owner / Co-Founder | [LighthouseTech.ca](#)

May 2015 – September 2015

- Partnered with Kingston Economic Development Corporation (KEDCO) to launch mobile-friendly web design company
- Optimized existing websites of Kingston businesses for mobile responsiveness during the mobile-first transition era

## EDUCATION

---

### Queen's University | [BASc, Computer Engineering](#)

September 2013 – May 2018

- Operating system development using Assembly and C for Altera DE2 FPGA board
- Compiler design and implementation using S/SL and Pascal
- Deep neural network project using Keras/TensorFlow achieving 82% classification accuracy