

Benjamin Grady

Senior Software Engineer

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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