

James Léveillé, B.S.

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Education

Bachelor of Science in Computer Science, 2013

University of Maryland University College

Professional Summary

Results-driven Software Engineer with 10+ years of experience in full-stack development, specializing in .NET APIs, React front-end development, and system integration. Adept at delivering scalable and secure applications, integrating third-party APIs, and optimizing workflows. Experienced in working independently on complete projects, collaborating with stakeholders, and contributing to technology roadmaps. Passionate about leveraging modern technologies to create impactful and efficient solutions, with a strong interest in expanding into cloud computing and AI/ML to drive innovation and future growth.

Core Skills

- Backend Development: .NET Core, C#, RESTful APIs, ASP.NET Core, Entity Framework
 - Frontend Development: React.js(latest versions), TypeScript, HTML, CSS, JavaScript, Material UI
 - Databases: SQL Server (T-SQL), Oracle (PL/SQL), MongoDB
 - System Integration: Third-party APIs, Microsoft Authentication Library (MSAL), OAuth, JWT
 - DevOps & CI/CD: Azure DevOps, Git, Bitbucket, PowerShell scripting, automated deployments
 - Security & Best Practices: Role-Based Access Control (RBAC), secure authentication & authorization
 - Cloud & Tools: Azure (App Services, SQL Database, Service Bus), Visual Studio, Postman
 - Agile Development: Scrum, Code Reviews, Architectural Discussions, Documentation
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Professional Experience

EY | Alpharetta, GA | 05/2025 – Present

Senior Software Developer

- Contribute to a multi-layer enterprise application used to manage audits across companies throughout the U.S.
 - Develop and maintain ASP.NET Web API, SQL Server, and React applications.
 - Build reusable UI components that are leveraged across multiple applications within the organization.
 - Maintain and troubleshoot existing applications, fixing bugs and optimizing performance.
 - Implement well-structured, scalable architecture using CQRS (Command Query Responsibility Segregation) with MediatR, Command Handlers, and Validators in ASP.NET.
 - Configure and support CI/CD pipelines to enable smooth and automated deployments.
 - Use Azure Application Insights to debug issues, monitor performance, and identify potential system failures.
 - Apply BDD (Behavior-Driven Development) testing for APIs, ensuring all code passes automated tests before deployment.
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Care Solutions | Atlanta, GA | 04/2024 – 02/2025

Fullstack Software Developer

- Led the development of a brand-new application within one year to replace a legacy system that lacked scalability and feature support.
 - Migrated the backend from SQL Server to MongoDB, designing schemas and optimizing data structures for performance and flexibility.
 - Built .NET APIs and React front-end applications, delivering end-to-end features from database design through UI implementation.
 - Collaborated with business stakeholders to gather requirements, design features, and deliver solutions aligned with organizational goals.
 - Deployed applications on Azure using CI/CD pipelines to virtual machines, improving deployment speed and reliability.
 - Integrated third-party services such as address autocomplete and payment processing to enhance functionality.
 - Designed and implemented features for financial record processing and invoice generation.
 - Improved system reliability by troubleshooting issues, optimizing performance, and securing APIs with MSAL, JWT authentication, and RBAC.
 - Participated in architectural discussions and roadmap planning, ensuring system scalability and maintainability.
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RMCI | Macon, GA | 06/2019 – 04/2024

Software Developer

- Developed and maintained an HR application for federal employees, ensuring reliability and scalability.
 - Built new applications using ASP.NET Web API and React, while also maintaining legacy systems.
 - Designed and optimized databases with SQL Server (T-SQL) and Oracle (PL/SQL).
 - Created scalable React front-end applications with reusable components, leveraging Material-UI and modern CSS frameworks.
 - Modernized legacy applications into high-performing, web-based systems to improve usability and maintainability.
 - Implemented event-driven architectures with Azure Service Bus and Event Grid to enable asynchronous processing.
 - Secured applications with OAuth 2.0 and JWT-based authentication, strengthening data protection and compliance.
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Square1Art | Norcross, GA | 06/2017 – 06/2019

Software Developer

- Supported and enhanced a fundraising application website and process used by schools to submit and manage student artwork.
- Maintained the legacy ASP.NET MVC and SQL Server application, including queue management for artwork processing and writing scripts to resolve workflow issues.
- Built and modernized the system by developing a new application using ASP.NET Web API, Angular, and SQL Server, improving performance and maintainability.
- Collaborated with business stakeholders to gather and refine requirements, ensuring alignment between technical solutions and organizational needs.
- Integrated with Salesforce, implementing jobs that synchronized data daily between Salesforce and internal databases.
- Implemented a Service Bus architecture to manage message queues for artwork as it moved through processing stages.
- Enhanced e-commerce websites using .NET, C#, MVC, WCF/Web API, and Entity Framework.
- Developed modern front-end features with Bootstrap, HTML5, CSS3, JavaScript, jQuery, JSON, Ajax, KnockoutJS, and Angular (2+), including responsive UI improvements.
- Applied Entity Framework (Code First, LINQ) and ODATA RESTful APIs to streamline database interactions.
- Integrated with Salesforce APIs to improve data accuracy and workflow automation.
- Worked within Agile methodologies, using Microsoft Team Foundation Server (TFS) and Visual Studio IDE for version control and project tracking.

- Gained proficiency in TypeScript development and building scalable front-end applications with Angular 2+.
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CINC Systems | Duluth, GA | 07/2016 – 06/2017

Software Developer

- Developed accounting and management software for management companies overseeing day-to-day activities of Homeowners Associations (HOAs).
 - Built .NET desktop applications using C#, MSSQL, and ASP.NET MVC.
 - Designed and implemented programming and database integration for web applications, online forms, directories, reports, and other data-driven tools.
 - Created applications using ASP.NET MVC and Entity Framework to streamline business operations.
 - Produced high-quality, requirements-driven software while adhering to best practices.
 - Applied debugging and troubleshooting techniques to identify, analyze, and resolve software defects and bugs.
 - Developed modern web applications using HTML/HTML5, CSS/CSS3, JavaScript, and Bootstrap.
 - Demonstrated strong understanding of SQL database principles, including SQL syntax and stored procedures.
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Zolon Tech | Herndon, VA | 06/2015 – 07/2016

Program Analyst

- Contributed to the development and maintenance of a desktop application using .NET, WPF, and the MVVM framework.
 - Worked with a well-structured codebase, applying design principles such as the mediator pattern, interfaces, base classes, and commands.
 - Supported the Oracle database backend, writing queries and developing scripts to troubleshoot issues, update data, and implement fixes.
 - Authored system documentation while actively learning and coding, ensuring knowledge transfer and improved team onboarding.
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Accela | McLean, GA | 04/2014 – 05/2015

Junior Developer

- Contributed to a web application for park services, using ASP, SQL, jQuery, HTML, and JavaScript.
- Debugged issues, enhanced existing features, and developed new UI components to improve usability and performance.

- Wrote stored procedures (SPs) and queries to support data operations and resolve backend issues.
- Participated in a technology migration project, rewriting legacy features into a modern stack using ASP.NET Web API and Angular.