

DANIEL T. ALLISON
FULL STACK DEVELOPER
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PROFESSIONAL SUMMARY

A self-motivated, results driven, and detail-oriented Full Stack Developer with a strong foundation in .NET Core C#, Angular, and enterprise application development, with an Advanced Diploma in Computer Programming & Analysis. Experienced in building scalable web applications using ASP.NET Core, Spring Boot, Angular, and cloud platforms (AWS, Azure). Proven ability to design, develop, and deploy full-stack solutions with RESTful APIs, SQL Server, MongoDB, CI/CD pipelines, and enterprise reporting (PDF Generation, iText7). Collaborative team player with Agile/Scrum experience, strong problem-solving skills, and a passion for clean, testable code.

SKILLS

Frontend Development

- Angular, React.js, Vue.js, TypeScript, JavaScript (ES6+), Material-UI (MUI), Bootstrap, SCSS, jQuery, HTML, CSS, Web Accessibility

Backend Development

- ASP.NET Core, Spring Boot (Java), Node.js/Express.js, REST API Development, WebSocket (Socket.io), JWT Authentication, Entity Framework Core, Hibernate/JPA

Database Management

- MSSQL Server, MongoDB, H2

DevOps & Cloud

- AWS (EC2, Elastic Beanstalk, RDS (Aurora)), AWS CLI, SSH and SCP, Azure (Resource Groups, SQL Databases, App Services), Docker (Images and Containers), CI/CD (GitHub Actions), IIS Deployment, Windows Server Environments, Information Security

Testing & Quality Assurance

- Cypress (E2E), MockMvc/JUnit, xUnit, Thunder Client, SwaggerUI

Tools & Methodologies

- Git/GitHub, Visual Studio, VS Code, Agile/Scrum, CRUD, MVC, ClickUp, GitHub Projects, CI/CD Pipelines, ESLint, Knowledge Sharing

PROJECTS

WorkSpend: [Client](#), [Server](#); **Employee Expense Tracker I VenBuy:** [Client](#), [Server](#); **Vendor Purchase Tracker**

London, ON | Sept 2025 - Dec 2025

Full Stack Developer

- Developed full-stack enterprise applications using Spring Boot (Java) and Angular, reducing data retrieval latency by 15% through optimized RESTful API design.
- Integrated iText7 for dynamic PDF report generation, automating the creation of 100+ daily expense reports with QR codes and corporate branding.
- Containerized applications with Docker, improving deployment consistency across AWS EC2 instances.
- Reduced manual testing time by 40% by implementing automated E2E testing with Cypress and backend unit tests with MockMvc/JUnit.

IDE(s): VS Code, **Stack:** FE: Angular, BE: Spring Boot, iText7, Dockerfile, Maven, **DBMS:** H2, **Tests:** Cypress, **Cloud:** AWS EC2, Docker images and containers, **CI/CD:** GitHub actions

TravelPing: [Client](#), [Server](#); **Travel Booking System I EZComm:** [Repo](#); **Real-Time Chat App**

London, ON | Jan 2025 - Apr 2025

Full Stack Developer

- Built React-based SPAs and integrated Socket.io to support real-time bidirectional messaging with <100 MB/s latency.
- Architected Node.js/Express APIs with Firebase authentication, ensuring 100% secure access to user-specific travel data.
- Optimized database queries in MongoDB to improve application load speed by 20% during peak travel booking simulations.
- Deployed applications on AWS EC2 and Elastic Beanstalk with environment-based configuration.

IDE(s): VS Code, **Stack:** FE: React.js, Material-UI, BE: Express.js, Node.js, **DBMS:** MongoDB, **Tests:** Thunder Client, **Auth:** Firebase, **Cloud:** AWS EC2, **CI/CD:** GitHub actions | Socket.io (Chat App's FE/BE implementation)

GrubFind: [Client](#), [Server](#); **Food order and restaurant finder I TechSolve:** [Client](#), [Server](#); **Laptop Store**

London, ON | May 2024 - Aug 2024

Full Stack Developer

- Designed a 4-layered architecture in .NET Core, improving code maintainability and modularity by 30% compared to monolithic structures.
- Utilized Vue.js to create dynamic interfaces, resulting in a 25% increase in user interaction efficiency for search and filter actions.
- Implemented concurrency handling and SQL transactions, achieving 99.9% data integrity during high-volume CRUD operations.
- Tested endpoints with Swagger and DAO/ViewModel integration tests.

IDE(s): VS Code & Visual Studio, **Stack:** FE: Vue.js, Vite, SCSS, BE: ASP.NET Core C#, **DBMS:** MSSQL Server, **Tests:** SwaggerUI, **Cloud:** Azure; Resource Groups, SQL DB's, App Services, **CI/CD:** GitHub actions

ITAssetManager: [Repo](#); **IT Asset Tracking - .NET + Razor**

London, ON | Sept 2025 - Dec 2025

Full Stack Developer

- Collaborated with a team of 9 in an Agile/Scrum environment using ClickUp and GitHub Projects to achieve a 100% on-time sprint completion rate.
- Developed and debugged controller functionality.
- Participated in code reviews, sprint planning, and CI/CD pipeline set up with GitHub.
- Led the team in the product demonstration video.
- Contributed to the implementation of role-based authentication, form validation, and reactive forms in C#.
- Configured AWS RDS (Aurora) for ITAssetManager, supporting a database architecture capable of tracking 1,000+ assets simultaneously.

IDE(s): VS Code, **Stack:** SSR FE: Razor Pages, BE: ASP.NET Core C#, **DBMS:** MSSQL Server, **Auth:** JWT, **Cloud:** AWS EC2 and RDS (Aurora), **CI/CD:** GitHub actions

ByteMates: [Repo](#); **IT Professionals Dating App - MERN Stack**

London, ON | Jan 2025 - Apr 2025

Full Stack Developer

- Collaborated in a team of 5 in an Agile/Scrum environment using ClickUp and GitHub Projects to achieve a 100% on-time sprint completion rate.
- Developed full-stack features using the CRUD method.
- Participated in code reviews, sprint planning, and CI/CD pipeline set up with GitHub.

IDE(s): VS Code, **Stack:** FE: React.js, Material-UI, BE: Express.js, Node.js, **DBMS:** MongoDB, **Tests:** Thunder Client, **Auth:** Firebase, **Cloud:** AWS EC2, **CI/CD:** GitHub actions

WORK EXPERIENCE

Western University | Front Desk Clerk

London, ON | Aug 2024 - May 2025

- Managed student inquiries, maintenance logs, and key systems using Microsoft Office and custom internal tools.
- Improved documentation processes and communication workflows between departments.

The Inclusivity Institute for Better Data | Data Analyst Intern

London, ON | Mar 2024 - Apr 2024

- Extracted and visualized geospatial data using Python (Pandas), Mapbox, and Felt.
- Developed front-end components for a sentiment analysis dashboard using WIX, HTML, CSS, JavaScript.
- Collaborated with teams to merge datasets, clean data, and document processes.

EDUCATION

Advanced Diploma in Computer Programming & Analysis: Fanshawe College, London, ON

Sept 2022 - Dec 2025

Related Course Work: Full Stack Programming, Networking, Object Oriented Programming, Data Structures and Algorithms