

# Julian Davies

(289) 242-7897 | Email: [juliandavies.cs@gmail.com](mailto:juliandavies.cs@gmail.com)

GitHub: <https://github.com/juliandavies-cs> | Portfolio: <https://resume-bot-td8i.onrender.com/>

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## PROFESSIONAL SUMMARY

Results-driven Software Developer with 3+ years of experience designing, building, and scaling secure, cloud-based, and AI-powered applications. Proven expertise in backend development, microservices architecture, API integration, and large language model systems. Strong track record of improving performance, reliability, and user experience in enterprise environments.

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## PROFESSIONAL EXPERIENCE

### Software Developer | OpenText | 2025 – Present

- Designed and deployed AI-powered backend systems using LangChain and LangGraph
- Integrated vector databases for scalable knowledge retrieval
- Orchestrated multi-agent workflows to improve reliability
- Optimized LLM prompt engineering and workflows
- Maintained distributed microservices architecture
- Enforced CI/CD standards and automated testing

### Software Developer | OpenText | 2023 – 2025

- Developed RESTful APIs supporting enterprise users
- Integrated SQL databases with backend services
- Implemented OAuth2 authentication flows
- Built token lifecycle management using Redis
- Created responsive UI with JavaScript and EJS
- Collaborated in Agile development teams

### Associate Quality Assurance Developer | OpenText | 2022 – 2023

- Built automated testing frameworks using Selenium and Python
- Executed regression testing across environments
- Analyzed defects and collaborated with developers
- Developed scripts to isolate complex bugs
- Implemented accessibility compliance

## Software Development Intern | OpenText | 2021

- Led regression testing initiatives
- Documented and prioritized defects

## Software Development & QA Intern | OpenText | 2017 – 2020

- Developed JavaScript QA tools
  - Implemented performance enhancements
  - Conducted peer code reviews
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## CORE TECHNICAL SKILLS

**Languages:** Python, JavaScript, TypeScript, Java, HTML, CSS

**Frameworks:** Node.js, Spring Boot, LangChain, LangGraph, EJS

**Databases:** SQL, Redis, Vector Databases

**DevOps:** Microservices, REST APIs, OAuth2, CI/CD

**Tools:** Selenium, JUnit, Git, JIRA, Postman

**Methodologies:** Agile, Scrum, SDLC, TDD

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## EDUCATION

**Bachelor of Computer Science** – Carleton University

**High School Diploma** – Appleby College

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## PROJECTS

### AI Resume Assistant

- Built an AI-powered resume chatbot using LLMs, vector search, and REST APIs
- Deployed scalable backend infrastructure with CI/CD pipelines

### Sports Betting Notifier

- Developed a real-time Discord bot for sports betting alerts
- Designed configurable user preferences and alert routing