

Julian Davies

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

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

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.

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

EDUCATION

Bachelor of Computer Science – Carleton University

High School Diploma – Appleby College

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