

# Dev Patel

Portfolio | [LinkedIn](#) | [GitHub](#) |

Location: Waterloo, ON

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## TECHNICAL SKILLS

<b>Languages</b>	: Python, JavaScript, Typescript, Java, SQL, HTML and CSS
<b>Frameworks</b>	: React.js, Vue.js, Django, RestFul API's
<b>DevOps Tools</b>	: Git, Docker, Kubernetes, MySQL, MongoDB, Jenkins, CI/CD and AWS .
<b>Development</b>	: Strong understanding of SDLC, design, and analysis methodology

## EDUCATION

<b>Wilfrid Laurier University</b>	Waterloo, ON
<i>Honors Bachelor of Science in Computer Science and Minor in Entrepreneurship</i>	<i>Sept 2021 – April 2025</i>

## WORK EXPERIENCE

<b>DevOps Intern, Savi Finance</b>	Dec 2023 – Present
<ul style="list-style-type: none"><li>Implemented and managed <b>Vault functionality</b> for secure handling of developer secrets, including API keys and AWS credentials. This enhancement led to a <b>30% improvement in system security</b>.</li><li>Executed the deployment of <b>backend infrastructure</b> code, facilitating the integration of HashiCorp Vault with Kubernetes clusters. This integration streamlined secret management processes, resulting in a <b>25% reduction in deployment times and a 20% increase in process efficiency</b>.</li><li>Authored comprehensive development <b>architecture documentation</b>, leading to a <b>40% improvement in team productivity and a 50% increase in collaboration efficiency</b>, as evidenced by reduced onboarding times for new developers and fewer process-related queries.</li></ul>	
<b>Software Developer Intern, SignAgent</b>	Sept 2023 – Dec 2023
<ul style="list-style-type: none"><li><b>Implemented payment API integrations</b> using Python (Django), Vue.js, JavaScript, and TypeScript, enhancing transaction efficiency and customer satisfaction.</li><li><b>Enhanced backend processes</b> by utilizing server-side caching, employing asynchronous task processing, and refining data normalization practices, achieving a 25% increase in database throughput.</li><li><b>Optimized software responsiveness</b> by 40% through AWS implementation, resulting in improved performance and enhanced user experience.</li></ul>	
<b>Data Analyst Intern, ManPasand Beverages</b>	May 2021 - Sep 2021
<ul style="list-style-type: none"><li>Utilized Python and SQL to <b>analyze datasets over 1 million records</b>, enhancing platform efficiency by <b>35%</b> and gaining deeper insights into sales and customer behavior.</li><li>Led a data cleaning initiative that improved data accuracy by <b>45%</b> across <b>500,000+ customer records</b>, bolstering reliability for strategic decisions.</li><li>Developed and maintained <b>reporting dashboards</b> with Power BI, supporting data-driven strategies in e-commerce operations and boosting business intelligence.</li></ul>	

## PROJECTS

<b>Stock Trading Web Application</b>	TypeScript, Express.js, Node.js	<a href="#">Source Code</a>
<ul style="list-style-type: none"><li>Engineered a trading platform enabling users to execute real-time stock trades. Implemented features for user <b>portfolio management, order placement, and balance tracking</b>, integrating complex financial transactional logic to simulate a realistic trading environment.</li></ul>		
<b>Cloud Native Resource Monitoring App</b>	Python, Docker, AWS(ECR and EKS), Kubernetes	<a href="#">Source Code</a>
<ul style="list-style-type: none"><li>Engineered a Cloud Native Resource Monitoring App, enabling efficient monitoring and management in cloud environments with <b>automated deployment and dual local/cloud operation</b> capabilities.</li></ul>		

## EXTRA CURRICULAR

- **President**, Laurier Mens Cricket Club
- **Vice President**, Google Developer Club Laurier

## CERTIFICATIONS

- AWS Cloud Practitioner, AWS
- Full Stack Web Development Bootcamp, Udemy