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# JAYLON AU COIN

He/Him

## Professional Summary

I am a recent graduate from Dalhousie University, with a Bachelor of Applied Computer Science and certificates in Web & Mobile Development and User Experience Design & Evaluation. I currently work as a Full Stack Software Engineer at Novastorms, building AI-powered analytics platforms. I am fluent in both French and English. I have worked on projects using React, React Native, PHP, Java, SQL, AWS, Docker, and more. With over 8 years in Golf Operations and Food Service, I have honed strong problem-solving and customer service skills. My work approach is detail-oriented, always prioritizing quality to achieve optimal results. Having used various software in the golf industry, I am passionate about leveraging technology to enhance operational efficiency and drive business growth.

## Education

SEP 2021 - MAY 2025

### Bachelor of Applied Computer Science | Dalhousie University | Halifax, Nova Scotia

Certificate in Web & Mobile Development — Certificate in User Experience Design & Evaluation

Fall 2021: Dean's List

Highest Term GPA: 4.24 GPA (Winter 2024)

Winter 2022 - Present: Sexton Scholar

Cumulative GPA: 4.05 GPA

More info: [Dalhousie Dean's List Requirements](#)

GPA's above are out of 4.30 ([Dalhousie Grade Scale](#))

#### Notable Academic Works:

- **FCS Peer Review Tool / Student Observation Tool:** Full-stack academic web applications for Dalhousie University students, instructors, and TAs, providing marking, peer review, feedback, assignment submission, and class management. Built using PHP (raw and Laravel), JavaScript, React.js, Bootstrap, Tailwind, and SQL.
- **Rat Rush / Necro Blast:** 3D platformer and FPS video games built with Unity and Rider IDE in C#.
- **Grade Guru:** Multi-repo/microservice web application built with React/Vite, Python FastAPI and hosted with Docker containers on a private Virtual Machine.
- **Barter Trader App:** Android application for trading of goods built with Android Studio in Java.

## Personal Works

- **Clustering Coefficient Calculator** - A Java Spring Boot app to calculate a clustering coefficient.
- **Portfolio Website** - A polished React (Gatsby) website with Tailwind CSS for my professional portfolio.
- **CourseQuest** - React Native app for golfers to [visually] track their played courses; like a diary for golfers.
- **Stream Studio** - Electron app for converting online video to audio/video files.

## Skills

- **Programming Languages:** JavaScript, TypeScript, Java, PHP, SQL, C#, Python
- **Frameworks & Libraries:** React, Next.js, Electron, React Native (Expo), Laravel, Tailwind, Material UI
- **Backend / Databases:** MySQL, MongoDB, PostgreSQL (Supabase), Firebase
- **Cloud / DevOps:** AWS (Lambda, DynamoDB, Cognito, Amplify), Docker, GitHub Actions, Netlify, Render
- **Tools & Platforms:** Git (GitHub, GitLab), Atlassian (Jira, Trello, Confluence), Unity

## Languages

French ★★★★★ (Native Proficiency)

English ★★★★★ (Native Proficiency)

## Employment History

DEC 2025 - PRESENT | FULL-TIME

### Full Stack Software Engineer | Novastorms Data Analytics | Halifax, Nova Scotia

- Developing an on-premises, AI-powered analytics platform that transforms data into actionable insights.
- Building natural language analytics, document intelligence (RAG), and Live Monitor dashboards with Electron.js.
- Implementing universal database connectivity, APIs, and privacy-first architecture.

APR 2025 - OCT 2025 | CONTRACT / PART-TIME

### Principal Software Engineer | Ranchflow AI | Halifax, Nova Scotia (Remote)

- Developing a cattle farming AI web and mobile app using React/Next.js and React Native.
- Implementing APIs, AR/3D visualization of farming data with AWS (DynamoDB, Lambda, Cognito, IoT, etc.).
- Optimizing application to adhere to industry needs and maximize efficiency.

SEP 2020 - AUG 2024 | SEASONAL

### Professional Shop Attendant | Le Portage Golf Club | Chéticamp, Nova Scotia

- Managed pro shop operations (Check-In, Retail, Tournaments).
- Optimized inventory systems and software features (POS, Tournament Software, Website).
- Resolved conflicts and ensured member satisfaction.

JUL 2017 - AUG 2020 | SEASONAL

### Guest Services | Le Portage Golf Club | Chéticamp, Nova Scotia

- Assisted golfers with course info and rentals.
- Collaborated with other departments to streamline services.

JUN 2016 - SEP 2020 | SEASONAL

### Busser/Clerk | Seafood Stop Restaurant | Chéticamp, Nova Scotia

- Maintained cleanliness and supported service efficiency.
- Handled customer concerns professionally.

## Certification

OCT 2025

Cloud Foundations Certification | ShiftKey Labs (Academy Up) | [Certificate URL](#)

OCT 2025

Workplace Hazardous Materials Information System (WHMIS) | AixSafety | [Certificate URL](#)

AUG 2025 (EXP - AUG 2028)

AWS Certified Cloud Practitioner | Amazon Web Services (AWS) | [Certificate URL](#)

DEC 2024

DevOps Foundations Certification | ShiftKey Labs (Academy Up) | [Certificate URL](#)

SEP 2024

TCPS 2: CORE 2022 | Panel on Research Ethics | Course on Research Ethics | [Certificate URL](#)

## References

References available upon request.