

Jediel Antalan

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EDUCATION

University of Toronto

Honours Bachelor of Science (HBSec) in Computer Science, with Co-op

- Specialist in Software Engineering & Minor program in Statistics

Toronto, ON

Sep. 2021 – Jun. 2026

EXPERIENCE

Software Developer

Royal Bank of Canada, Global Asset Management (RBC GAM)

Sep. – Dec. 2024

Toronto, ON

- Removed over 500+ vulnerabilities from crown jewel application, advancing application migration to OCP4
- Updated crown jewel frontend applications from Angular 10 to Angular 18, improving performance, security, and extending application's lifespan through modern framework support
- Transitioned repository pipelines from Jenkins to GitHub Actions, reducing deployment workflow time by 75%
- Executed and monitored automated frontend tests using Selenium and Protractor to verify application stability and ensure functionality remained consistent after updates
- Authored multiple Confluence pages to help new team members with onboarding and facilitate knowledge transfer

Software Developer

Ontario Ministry of Transportation (MTO)

Sep. – Dec. 2023

Toronto, ON

- Worked alongside 7 senior developers to develop the TSSEA Complaint Portal in an agile environment using Angular and Spring Boot
- Developed several fully functional and responsive frontend pages in Angular, ensuring seamless user experience and integration with backend systems
- Engineered RESTful APIs in Java to process complaints and generate PDF summaries, cutting down resolution time by 50% for thousands of Ontarians
- Automated data extraction from CSV files using Java, streamlining the process of populating an extensive Excel sheet and reducing manual data entry time by 70%

PROJECTS

Scriptorium | *Next.js, React, Docker, Prisma, TypeScript, Tailwind CSS*

Oct. – Dec. 2024

- Developed a full-stack platform for collaborative coding with secure authentication, blog management, voting, and a responsive interface using Next.js, Prisma, React, and TailwindCSS
- Built RESTful APIs to handle user authentication, blog and comment management, and voting functionality, ensuring secure and scalable backend operations
- Integrated secure JWT-based authentication to protect user data and manage sessions effectively
- Utilized React and TailwindCSS to create a responsive, user-friendly frontend interface with dynamic forms and reusable components

Markscope | *Flask, SQLite, HTML, CSS, JavaScript*

Feb. – Apr. 2024

- Led a team of 3 to develop a full-stack mock course website using Flask, SQL, HTML, CSS and JavaScript
- Implemented API endpoints for data retrieval and manipulation by using SQLAlchemy.
- Developed login authentication and user role management using SQLAlchemy and Bcrypt for data protection and encryption
- Designed the frontend interface using HTML, CSS, and JavaScript

ClickCraze | *Java, Android, Firebase*

Jun. – Aug. 2023

- Collaborated with a team of 4 developers to create a feature-rich Android shopping application
- Utilized Java to integrate key features and interact with the Firebase database in the Android project
- Applied model-view-presenter and SOLID principles to enhance code modularity and maintainability

TECHNICAL SKILLS

Languages: Java, Python, C, Linux/Unix, SQL, TypeScript, HTML/CSS, TailwindCSS, Bash, PowerShell, Assembly

Frameworks: Node.js, Next.js, SvelteKit, React, Angular, Spring Boot, Flask, Prisma

Developer Tools: Git, GitHub, GitHub Actions, Jenkins, Docker, Jira, Figma, Android Studio, Confluence, Postman