

# Jediel Antalan

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## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript/TypeScript, C, Linux/Unix, SQL, HTML/CSS, TailwindCSS, Bash, PowerShell, R  
**Frameworks/Libraries:** 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

## EDUCATION

### University of Toronto

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

Toronto, ON

Sep. 2021 – Jun. 2026

- Specialist in Software Engineering & Minor program in Statistics

## EXPERIENCE

### Software Developer

Sep. – Dec. 2024

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

Toronto, ON

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

### Software Developer

Sep. – Dec. 2023

*Ontario Ministry of Transportation (MTO)*

Toronto, ON

- Contributed to the development of the TSSEA Complaints Portal 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, reducing manual data entry time by 70%

## PROJECTS

### BudgIT | SvelteKit, Svelte, Prisma, PostgreSQL, TypeScript, TailwindCSS

Dec. 2024 – Present

- Developed a full-stack personal finance and budget management application to help users track income, expenses, and set budget goals using SvelteKit, Prisma, PostgreSQL, and TailwindCSS
- Built RESTful APIs for managing budget, income and expense records with CRUD operations
- Built frontend components with Svelte and TailwindCSS, integrating data from APIs
- Leveraged libraries such as D3 and Shadcn to create intuitive and visually appealing data visualizations

### Scriptorium | Next.js, React, Docker, Prisma, SQLite, 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 secure login authentication and user role management using SQLAlchemy and Bcrypt
- Designed the frontend interface using HTML, CSS, and JavaScript