

Jediel Antalan

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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, FastAPI, Prisma
Developer Tools: GitHub, GitHub Actions, Jenkins, Docker, Jira, Kubernetes, OpenShift, Confluence, Postman

EDUCATION

University of Toronto

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

Toronto, ON

Expected Grad: Summer 2027

EXPERIENCE

DevOps Engineer

Apr. – Aug. 2025

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

Toronto, ON

- Developed and maintained GitHub Actions CI/CD workflows to build, test, scan, and deploy Maven, Node.js, and Python applications to various cloud platforms
- Created a reusable DAST scan workflow that automatically detects the required scan file and host filter, simplifying onboarding by removing the need for manual configuration
- Developed a custom reusable JavaScript GitHub Action to generate production release metadata and pipeline summaries, improving deployment efficiency and visibility
- Migrated multiple applications to monorepos and updated their pipelines to use standardized GitHub workflows and configuration templates, improving consistency and maintainability
- Managed production releases through pre/post-release branching, version tagging, and deployment monitoring

Software Developer

Sep. – Dec. 2024

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

Toronto, ON

- Removed over 500+ code vulnerabilities from crown jewel applications, advancing application migration to OCP4
- Transitioned repository pipelines to GitHub Actions from Jenkins, reducing deployment workflow time by 70%
- Migrated multiple frontend applications to Angular v18 from Angular v10, improving performance and security
- Executed and monitored automated frontend tests using Selenium and Protractor to verify application stability

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
- Utilized internal libraries to build responsive Angular frontend pages with seamless backend API integration
- Implemented frontend logic in Angular, including dynamic forms, conditional rendering, and state handling
- Developed Java REST APIs to handle complaints and produce PDF summaries, cutting resolution time by 50%
- Automated data extraction from CSV files using Java, reducing manual data entry from 2 hours to 30 minutes

PROJECTS

Just a Job App | *FastAPI, Next.js, Docker, PostgreSQL, Gmail API, Google Gemini*

Jan. 2024 – Apr. 2025

- One of the founding developers of an open-source job application tracker designed to optimize users' job search
- Migrated the codebase from FastAPI with Jinja templates to a Next.js frontend and FastAPI backend within a monorepo, improving scalability and enabling easier feature expansion
- Leveraged Google Gemini LLM to parse unstructured email content, improving job search analytics accuracy
- Implemented rate limiting on API endpoints to prevent abuse and ensure system stability under high load

SNFS | *Flask, Next.js, PostgreSQL, Docker, TypeScript, TailwindCSS*

Mar. 2024 – Apr. 2025

- Developed a full-stack web application enabling users to create and manage investment portfolios, view stock statistics, and share insights with friends
- Implemented database operations using raw SQL queries with Python and psycopg2
- Dockerized frontend, backend, and database using Compose, simplifying local setup and development

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 and voting
- Built RESTful APIs to handle user authentication, blog and comment management, and voting functionality
- Integrated secure JWT-based authentication to protect user data and manage sessions effectively
- Utilized React, TailwindCSS, and HeroUI components to create a responsive and user-friendly frontend interface