

RYAN LE PHAM

Toronto, Ontario

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Education

York University

Bachelor of Science in Computer Science Honours

Sep. 2021 – April. 2025

Toronto, Ontario

Amazon

AWS Certified Solutions Architect — Associate | [Link](#)

January 2025

Toronto, Ontario

Experience

Municipal Property Assessment Corporation (MPAC)

Junior Systems Developer

April 2025 – Present

Pickering, Ontario

- Built **multi-tenant RBAC-based admin portal** with **Python Lambdas** and **API Gateway**, for org-wide access.
- Implemented a centralized audit platform using **SQS**, **DynamoDB**, and **S3** for decoupled, traceable logs across apps.
- Monitored platform activity with **CloudWatch**, ensuring compliant, reliable system operation across enterprise tools.
- Developed the company's flagship property assessment application frontend with **React**, using **caching**, **reuseable components**, and **state management**, enabling interactive access and management of **5M+** Ontario properties.

Mayfair Clubs

Data Analyst

January 2025 – April 2025

Toronto, Ontario

- Built **SQL**-based dashboards and analyses that informed strategic planning and supported **5+** cross-functional teams.
- Enabling **backend integration** and automated **SQL**-driven data pipelines, saving **10+** hours weekly of manual work.

Arkhet AI

Full Stack Developer Intern

September 2024 – December 2024

Remote

- Developed full stack features using **React**, **ExpressJS**, and **PostgreSQL** for an AI-powered design platform.
- Integrated **Anthropic's LLM** to transform low-fidelity wireframes into high-fidelity, interactive web prototypes.

Projects

Full Stack Airbnb Clone | *Angular, Typescript, Java Spring Boot, PostgreSQL, Docker, AWS*

<https://github.com/phammings/Airbnb-Clone> | [Link](#)

- Developed an Airbnb clone in **Angular** and **Java Spring Boot** with a **PostgreSQL** database and **CI/CD** pipeline.
- **Dockerized** app on **EC2** and created a **Lambda** instance scheduler with **CloudWatch**, cutting cloud costs by 50%.

Finance Tracker SaaS | *React JS, Typescript, Next.js, PostgreSQL, Plaid, LemonSqueezy*

<https://github.com/phammings/Finance-Tracker-SaaS> | [Link](#)

- Built a finance tracker dashboard with **React**, **Neon PostgreSQL**, and **Drizzle ORM**, supporting CSV imports.
- Integrated **Plaid** for bank connectivity and **LemonSqueezy** for subscriptions, offering a premium paywall as a **SaaS**.

AWS Cloud Resume | *React JS, AWS, Terraform, GitHub*

<https://github.com/phammings/cloud-portfolio> | [Link](#)

- Deployed a **React** site with **S3**, **CloudFront**, and **Route53**, securing HTTPS via **AWS Certificate Manager**.
- Built API with **API Gateway**, **Lambda**, and **DynamoDB**, managing **CI/CD** via **GitHub Actions** and **Terraform**.

Technical Skills

Languages: Java, C, C#, Python, JavaScript/HTML/CSS, Typescript, SQL, NoSQL, GraphQL, Shell Script

Frameworks: React.js, AngularJS, Tailwind CSS, Java Spring Boot, ASP.NET Core

Databases: DynamoDB, MongoDB, PostgreSQL, MySQL, Firebase, Supabase

DevOps: AWS, Terraform, Docker

Tools: Linux, Git, Jira, Figma