RYAN LE PHAM

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Education

York University	**Sep. 2021 – April. 2025**
Bachelor of Science in Computer Science Honours	*Toronto, Ontario*

Amazon	**January 2025**
*AWS Certified Solutions Architect — Associate	Link*	*Toronto, Ontario*

Experience

Municipal Property Assessment Corporation (MPAC)	**April 2025 – Present**
Junior Systems Developer	*Pickering, ON*

- Built a **RBAC-based admin portal** using **Python Lambdas** and **API Gateway**, for secure, company-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 main **property assessment application** frontend with **React**, using **state management**, **hooks**, and **reusable components**, enabling interactive access and management of **5M+** properties in Ontario.

Mayfair Clubs	**January 2025 – April 2025**
Data Analyst	*Toronto, Ontario*

- Created **SQL**-based reports and analyses to drive business decisions and support strategic planning.
- Worked with developers on **application development**, contributing to **backend integration** and data workflows.

Arkhet AI	**September 2024 – December 2025**
Full Stack Developer Intern	*Remote*

- Developed full stack features using **React**, **ExpressJS**, and **PostgreSQL** for an AI-powered design platform.
- Integrated an **Anthropic 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*	**August 2024**

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*	**July 2024**

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*	**June 2024**

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