

RYAN LE PHAM

Toronto, Ontario

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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, 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, reusable components, and state management, enabling interactive access and management of 5M+ Ontario properties.

Mayfair Clubs January 2025 – April 2025
Data Analyst 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 September 2024 – December 2024
Full Stack Developer Intern 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