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

Mayfair Clubs	**January 2025 – Present**
IT & Application Analyst	*Toronto, Ontario*

- Built with developers on **application development**, assisting with both **front-end** and **back-end** integration.
- Assist in front-end **application testing**, identifying issues and ensuring user interface functionality and performance.
- Query **SQL** databases to extract, analyze, and transform data, supporting decision-making and business reporting needs.

Outlier AI	**October 2025 – Present**
AI Engineer	*Toronto, Ontario*

- Train and optimize LLMs for coding in **Java**, **Python**, and **C**, to improve code generation and developer support.
- Collaborate with data scientists to integrate AI models into production systems, ensuring seamless deployment.
- Fine-tune AI models through iterative training processes, improving accuracy and code generation capabilities.

Explorer Hop	**April 2021 – August 2021**
Software Engineer	*Toronto, Ontario*

- Debugged applications with **Python Selenium**, optimizing performance and reliability.
- Developed web solutions with **Angular**, **React** and **Java Springboot**, enhancing client interaction.
- Automated **HTML/CSS** email campaigns, increasing efficiency by 50% and saving 20 hours per week.
- Utilized **Jira** and **Git** for project management and version control, boosting team productivity with a **Scrum** workflow.

Projects

Full Stack Airbnb Clone \| *Angular, Typescript, Java Spring Boot, PostgreSQL, Docker, AWS*   **August 2024**
https://github.com/phammings/Airbnb-Clone \| Link

- Developed Airbnb Clone for traveler reservations and landlord property management with **Angular** and **Typescript**.
- Utilized **Auth0** for user authorization and **PostgreSQL** for database management through **Java Spring Boot**.
- Deployed a **Dockerized** application on **AWS EC2** with **CI/CD** pipelines self-hosted through **Coolify**.
- Designed instance scheduler with **AWS Lambda** and **CloudWatch** to reduce monthly costs by 50%.

AWS Cloud Resume \| *React JS, AWS, Terraform, GitHub*   **June 2024**
https://github.com/phammings/cloud-portfolio \| Link

- Configured **S3** for **React** site and **CloudFront** for content delivery with HTTPS from **AWS Certificate Manager**.
- Built API for visitor counter with **AWS API Gateway** and **Lambda**, leveraging **DynamoDB** for data storage.
- Configured and pointed a custom DNS domain name to **CloudFront** distribution using **Route53**.
- Organized **CI/CD** pipelines with **GitHub Actions** and managed **IaC** using **Terraform**.

Technical Skills

Languages: Java, C, Python, JavaScript/HTML/CSS, Typescript, SQL, NoSQL, GraphQL, Shell Script
Frameworks: React.js, AngularJS, Tailwind CSS, Java Spring Boot
Databases: MongoDB, PostgreSQL, MySQL, Firebase, Supabase
DevOps: AWS, Terraform, Docker
Tools: Linux, Git, Jira, Figma