

# RYAN LE PHAM

Toronto, Ontario

[www.ryanlepham.com](http://www.ryanlepham.com)

☎ 647-963-7511 ✉ [ryanlepham9@gmail.com](mailto:ryanlepham9@gmail.com) 🔗 [linkedin.com/in/ryan-pham-b102051a2](https://www.linkedin.com/in/ryan-pham-b102051a2) 🐙 [github.com/phammings](https://github.com/phammings)

## Education

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### York University

Sep. 2021 – April. 2025

*Bachelor of Science in Computer Science Honours*

*Toronto, Ontario*

## Experience

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### 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.

### Mayfair Clubs West

October 2018 – Present

*Aquatics Instructor / Assistant Manager*

*Toronto, Ontario*

- Conduct trainings to mentor peers, enhancing teaching methods and team cohesion.
- Supervise 10+ instructors, standardizing lesson plans for consistent teaching quality and student progress.
- Improved teaching strategies led to record-breaking registrations and measurable progress through enhanced feedback.

## Projects

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

August 2024

<https://github.com/phammings/Airbnb-Clone>

- 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%.

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

July 2024

<https://github.com/phammings/Finance-Tracker-SaaS>

- Developed a finance tracker **SaaS** with an interactive dashboard using **Next.js**, **React**, and **TailwindCSS**.
- Utilized **Neon** for serverless **PostgreSQL** database management and **Drizzle ORM** for database migrations.
- Implemented CSV transaction imports for easy data integration and user authentication/management with **Clerk**.
- Integrated premium plan subscription management through **LemonSqueezy** and enabled bank connectivity with **Plaid**.

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

June 2024

<https://github.com/phammings/cloud-portfolio>

- 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

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

**Frameworks:** React.js, Angular, Tailwind CSS, Java Spring Boot

**Databases:** MongoDB, Neo4j, PostgreSQL, SQLite, Firebase, Supabase, Neon

**DevOps:** AWS (S3, CloudFront, EC2, DynamoDB, Lambda, Route53, API Gateway), Terraform, Docker

**Tools:** Linux, Git, Jira, Figma, Postman, LemonSqueezy, Stripe, Plaid