

LINH DOAN.

SOFTWARE
ENGINEER

PROFILE

I am a software engineer with 3 years of experience specializing in building scalable applications.

I have built production-ready applications using **AWS Services, React, TypeScript, GraphQL, and PostgreSQL, Redux.**

I am also a GenAI enthusiast / practitioner with experience building full-stack applications on top of **pre-trained Azure / OpenAI** models

TECHNICAL STACK

Front End



React



Typescript



GraphQL



Redux



Jest Testing

Back End



Postgres
SQL



AWS
Lambda



AWS
Appsync



AWS
ECS



AWS
S3



Node JS

ACADEMIC BACKGROUND

ACCELERATED WEB DEVELOPMENT PROGRAM

Juno College of Technology | Oct, 2021

BACHELOR OF COMMERCE

York University | Sep, 2018

CONTACT

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WORK EXPERIENCES

Senior Software Engineer I



Sep 2022 - Present

- **Built interactive sales tables with** React, TypeScript, and AG Grid, **handling 90 million records in real time with custom sorting, filtering, pagination, and multi-layer complex data hierarchy.**
- Optimized multiple **PostgreSQL** queries, reducing runtime by 50%.
- Developed an end-to-end file upload system handling up to 90 millions of sales records with **AWS ECS, S3, DynamoDB, and PostgreSQL.**

Software Engineer

Nov 2021 - Sep 2022

- Utilized **AWS services and GraphQL** to design and implement scalable and efficient API solutions
- Developed interactive maps with **React Mapbox** to visualize real-time sales data, enabling drill-down to county and ZIP code levels.

PROJECTS

AI Shopping Assistant



- Built **AI Shopping Assistant** app for personalized, context-aware shopping across any retail site.
- Built with **React, TypeScript, Tailwind, Vite** on the frontend, and **ExpressJS** with OpenAI for the backend.

AI Voice English Tutor



- Created a customizable AI English tutor with voice-to-voice conversations using **React, TypeScript, Tailwind, Express JS, WebSocket, Framer, and Lottie.**
- Integrated **Azure AI and OpenAI** for the chat assistant.