Binh-Nguyen Ngo

Seattle, WA | bnngo97@gmail.com | https://github.com/binh-ngo | **Portfolio**: binhngo.me

I am seeking a Software Engineer role where I can leverage my reasoning abilities, showcase my creative aptitude, collaborate with team members to address business challenges, and enhance my skills as an engineer.

TECHNICAL SKILLS

- Programming Languages and Libraries: Typescript, Swift, Python, React, Tailwind
- Machine and Deep Learning: AWS Sagemaker, JupyterNotebook, Bedrock, Langchain
- Databases: MongoDB, SQL, SQLite, Sequelize, JSON, DynamoDB, Pinecone
- Cloud: AWS, Lambda, EC2, S3, AppSync, GraphQL, API Gateway, Simple Notification Service

EXPERIENCE & PROJECTS

AWS Tip, Medium Publication **-** *Technical Writer*

May 2023 - Current

- Provide informative and engaging content with a read ratio of over 50% about the AWS Cloud Development Kit (CDK) and its features, such as creating a serverless project's infrastructure through code and automated Cloudformation templates.
- Guide and educate over 100 followers on deploying projects to AWS, implementing efficient data-fetching through GraphQL APIs instead of standard REST APIs, and implementing single-table designed databases to cover access patterns.
- Article: medium.com/awstip

Schedule.builders - *Creator*

October 2023 - Current

- A serverless application that connects consumers with contractors for home-improvement projects; provides an automated price estimator and chatbot using Bedrock, automated email notification and subscription service through SNS, and features the "Workshop" where contractors can bid on published projects.
- Created a full-stack design with object-oriented programming; built with Typescript and React; deployed on AWS.
- Created a design document for the website and business plan describing the company's mission and goals.
- Website: schedule.builders

StackOverflow Clone - *Creator*

November 2023 - Current

- Recreated features including user authentication and authorization through Cognito, and posting questions and answers with a Lexical rich-text editor.
- Showcases full CRUD capabilities through GraphQL with AppSync, DynamoDB single-table design, and intuitive UI/UX design.
- Article: Building a Stack Overflow Clone

EDUCATION

- **University of Washington EdX Boot Camps**, *Certificate of Completion*
  March 2023
- **Coursera -** Generative AI with Large Language Models, *Certificate of Completion*
  October 2023
  Udemy - Develop LLM powered Applications with Langchain, *Certificate of Completion*
- **University of Hawaii**, Culinary Arts*, Associate of Science*
  May 2020

AWARDS

- **AWS Jam** - 1st Place

AWARDS

- **AWS Jam** - 1st Place