

Brian Dinh

Atlanta, GA — bndinh41@gmail.com — [linkedin.com/in/dinhnhobao](https://www.linkedin.com/in/dinhnhobao)

Backend engineer with 4 years in distributed systems and payments, currently an MSCS student at Georgia Tech.

EDUCATION

Georgia Institute of Technology

Aug 2026 – June 2028 (Expected)

M.S. in Computer Science

National University of Singapore (NUS)

Aug 2018 – June 2022

B.S. in Computer Science, GPA: 4.48/5

PROFESSIONAL EXPERIENCE

Government Technology Agency of Singapore

Feb 2024 – Feb 2026

Software Engineer, Developer Portal Team (via Activate Interactive)

- Built the product catalog, improving discovery and reuse of government agency products across teams
- Migrated manually provisioned AWS resources to Infrastructure as Code using Terraform, improving engineering productivity and reducing human error
- Troubleshoot GitHub/GitLab issues related to hosting product content on AWS S3
- Served as on-call engineer, acting as the team's first point of contact for issues and client queries
- Conducted interviews for intern and full-time candidates, providing hiring recommendations
- Technologies: TypeScript, Nodejs, PostgreSQL, Terraform, AWS

Shopee Singapore (NYSE: SE)

Jul 2022 – Dec 2023

Software Engineer, ShopeePay Wallet Team

- Developed new payment transaction types and improved existing flows for a wallet system serving millions of users
- Integrated new clients and payment channels into existing business flows to support additional use cases
- Refactored critical flows to improve performance and code maintainability
- Ran stress tests ahead of high-traffic campaign periods, investigating system bottlenecks and driving enhancement plans
- Served as on-call engineer, acting as the team's first point of contact for issues
- Technologies: Golang, MySQL, Redis, Grafana, Python

Government of Singapore Investment Corporation (GIC)

Jan 2021 – Jun 2021

Software Engineer Intern

- Built ETL pipelines with Apache Airflow to automate ingestion of large real estate datasets, reducing each job to under 30 minutes and eliminating hours of manual extraction
- Migrated a single-instance data service to an auto-scaling, multi-instance deployment on Kubernetes, achieving a 50% reduction in computation time

Delvify (e-commerce tech startup)

Jul 2020 – Dec 2020

Software Engineer Intern

- Developed a responsive React frontend for the company's E-commerce platform, ensuring seamless compatibility across desktop and mobile.