

# Wilson Le

Ohio, 7345 Slayter Union | 740-788-2498 | [wilsonle2907@gmail.com](mailto:wilsonle2907@gmail.com)

**LinkedIn:** [linkedin.com/in/wilsonle02](https://www.linkedin.com/in/wilsonle02)

**GitHub:** [github.com/WilsonLe](https://github.com/WilsonLe)

**Portfolio:** [www.wilsonle.me](http://www.wilsonle.me)

## TECHNICAL SKILLS

- **Proficient:** Typescript, JavaScript, HTML, CSS, NextJS, ReactJS, React Native, TailwindCSS, Jest, NodeJS, Express, Docker, Terraform, GCP's Firebase, Cloud Storage, Cloud SQL; AWS's ECS, EC2, VPC, RDS, S3, Lambda, Cognito, EFS, Secrets Manager, IAM, ACM, ELB; Serverless Framework
- **Exposure:** Azure, Vercel, Github Actions, Python, Flask, C, C++, Kubernetes, Strapi, MongoDB, PostgreSQL

## PROFESSIONAL EXPERIENCE

**Designer Brands Inc. | Cloud Application Engineer Intern | Columbus, Ohio**

05/2022 - 12/2022

- Collaborate closely with a team of 13 developers to build 10+ cloud-based microservices for [dsw.com](https://dsw.com).
- Solved 13 major tasks in content, location, and configuration service with 80% passing QA tests the first time.
- Engineer utility scripts to migrate 4000+ category and content pages with over 5000+ blocks of content.
- Develop features for services to restrict verbose responses to only internal developers, reducing bandwidth by 2%.

**FEFA | Backend Engineer | Ho Chi Minh, Vietnam**

08/2022 - Present

- Architect backend cloud technology stack, including Firebase for core services, Github Actions for CI/CD, Jest for unit tests, deploy and run on GCP Cloud Functions, and follow MVC and Singleton design pattern.
- Develop an admin dashboard with productivity features including highly customizable database queries, saving and restoring past queries, and export data as graphs. Increase admin's productivity by 30%.
- Engineer a script to generate models based on OpenAPI configurations, save development time by 10 hours per week.

## EDUCATION

**Bachelor of Science in Computer Science, Denison University**

Expected Graduation: May 2024

- GPA: 3.5
- Dean's list: 2020
- Relevant Coursework: Statistics, Data Structures; Data Systems, Computer Systems, Operating Systems, Parallel Computing, Advance Algorithms, Quantum Computing, Artificial Intelligence

## PROJECTS

**DeerX | Fullstack Engineer | [deerx.vercel.app](https://deerx.vercel.app)**

08/2021 - Present

*Secondary Marketplace for Denison students to buy and sell items from other Denison students.*

- Lead a team of 3 developers to develop a full stack mobile application using React Native and Firebase.
- Develop notification and email services using Firebase Cloud Messaging and Sendgrid, sending 150+ notifications daily with 99% success rate and 80% click through rate. Increase user engagement by 40%.
- Establish documentation on all services and formatting guidelines. Set up git branches' policies with CI/CD pipelines.

**Personal Blog | Fullstack Engineer | [www.giangnguyen.me](http://www.giangnguyen.me)**

10/2022 - Present

*Personal blog and portfolio using modern technology stack and cloud infrastructure*

- Engineered a cloud-based technology stack for a personal blog and portfolio using NextJS and Strapi. Hosted NextJS web application on Vercel and deployed Strapi application on AWS.
- Architect cloud solution using Terraform to manage AWS services, connect Strapi to AWS's S3, EFS, and RDS in the same VPC with ELB while following IAM best practices.
- Engineer CI/CD with Github Actions to build latest Strapi image and deploy to AWS ECS using AWS Fargate.
- Architect cloud solution using Serverless Framework to alternatively build and deploy latest Strapi image to AWS Lambda, reduce operation cost by 50% in comparison to deploying on AWS ECS using AWS Fargate.