

Eric Lee

Full Stack Engineer

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Education

Master Degree of Computer Technology,
North Carolina Wesleyan University

04/2009 – 05/2012
North Carolina, United States

Bachelor Degree of Computer Science,
The University of Tokyo

04/2005 – 11/2008 | Tokyo, Japan

Professional Experience

Nimbus Works, LLC, Full Stack Engineer 

08/2022 – present | Japan

- Developed and maintained and optimized company's reusable UI component library using **React, Typescript**
- Migrate **Laravel** Healthcare website Front-End and Admin panel into **Angular**
- Led development of a real estate website built with **Next.js, Typescript, Mobx and Mapbox frontend** and a **Node/Nest.js** and **Elastic Search backend** (Currently in pre-release state)
- Recently worked on hosted generative AI solutions like OA chatGPT/Whisper, Eleven Labs, Pinecone and local products: various Llama derived Large Language Models and **ChromaDB** in combination of traditional web development technologies.
- Currently developing a **Next.js** server-side rendered website for our Singaporean branch with a **Strapi** headless **CMS backend**
- Worked as a technical lead developer for 1+ years

Deedoc Consulting 

Senior Software Developer

08/2016 – 07/2022
North Carolina, United States

- Designed and developed tool for recruiters that helps in hiring process(Resource management) using **C#.NET, ASP.NET MVC** and deployed App Service in Azure
- Implemented **Visa payment system** into Shopify store and build a **financial services MVP** to improve the sales
- Led initiative to get the company compliant with the security requirements of a key **financial 3rd party partner**
- Project management system using **Angular, ASP.NET WEB API** and MUI6 to improve working efficiency
- Architecting Front-End structure of a online coaching platform to connect tutors and students using **Angular**

Full Stack Developer

07/2012 – 07/2016

North Carolina, United States

- Design & implemented distributed services, high concurrency grids, parallel programming, performance tuning & scalability optimizing performance.
- Developed **cloud-based technologies with C++** and **Java** to assist Fortune 10 companies with scaling content distribution by 60% or more and increasing their productivity
- Worked with distributed architecture and built **microservices**.
- Developed 3+ modern **ERP | CRM | POS Systems** for clients in a variety of industries mostly in e-commerce.
- Launched an internal order management system utilizing primarily **PHP** and **MySQL** to introduce a more scalable and reliable solution that allowed 100% deadline compliance.

Certificates

PHP Certification by Codecademy (Institution : Codecademy)

React Nanodegree program from Udacity (Aug.2017 - present)

MongoDB Certified Developer – Associate Level (Dec.2022 - present)

Skills

- | | | |
|------------------------------|--------------------------|------------------------------|
| - JavaScript/TypeScript | - React | - Angular 12, 16 / AngularJS |
| - Node.js / Express.js | - C# | - .NET framework |
| - ASP.NET WEB API | - Elastic Search | - Webpack |
| - Docker | - Cloud 66 | - Google Cloud |
| - AWS - Lambda, EC2, S3, ECS | - MySQL/Postgres/MongoDB | - Restful/GraphQL/Soap API |

Projects

Online Marketplace

- Implemented a payment gateway using Stripe API
- Developed a recommendation engine using machine learning algorithms to suggest products to users
- Designed and developed a responsive front-end using Bootstrap and Sass
- Developed an online marketplace platform using Python, PostgreSQL, and React