Nam (Logan) Nguyen

Oswego, NY | 253-391-7245 | nnguyen6@oswego.edu

namnguyen31.com | linkedin.com/in/logannguyen98 | github.com/logann131

OBJECTIVE

Detail-oriented and highly motivated individual seeking to join ABC Company as a junior software engineer to provide a variety of back-end software solutions, including database management and programming.

WORK EXPERIENCE

Web Development Intern Syracuse, New York   Feb. 2022 - May. 2022
SUNY Center for Professional Development

- Re-designed and maintained a network of 30 WordPress sites
- Created and launched 4 WordPress blogs
- Monitored website performance and handled troubleshooting and WordPress issues

EDUCATION

Green River College Auburn, WA   Jan. 2017 - May 2019
Associate in Arts in Information Technology   **CGPA: 3.94/4.00**

- Relevant course work: Front-end Web programming, Java OOP, Data Structures, SQL Database

State University of New York (SUNY), College at Oswego   Jan. 2021 – exp. Dec. 2022
Bachelor of Science in Computer Science   **CGPA: 4.00/4.00**

- Relevant Courses: System programming (C), Software Engineering (Java, React, Liberty), Algorithms and Data Structures

PROJECTS

Calibrated Peer Review *(Java Back-End developer)*
(Course/Team Project)

- Utilized **IBM Open Liberty** Java framework to divide the back-end server into seven **microservices** using features of **Eclipse MicroProfile** and **Jakarta EE** platforms
- Single-handedly applied **token-based authentication mechanisms** to all system microservices by implementing **MicroProfile JWT** to authenticate, authorize, and identify users based on different roles
- Built clean and efficient **RESTful APIs** that served data to the **React** client application based on dynamically chosen user inputs and HTTP requests

Data Analytic Yelp App *(Full-Stack Developer)*
(Course/Individual Project)

- Successfully implemented **Java Spring Boot** framework to create a standalone resource server to host all the data analytics from a dataset retrieved from **Yelp**
- Integrated **customized B-Tree data structure** and **MySQL Docker** image to store all the data and information to provide faster data lookup time and optimize the memory space in disk
- Applied the combination of the modern front-end framework, **React,** and the type-safe programming language, **TypeScript,** to mitigate type-error in runtime and enhance application performance and responsiveness

Dev Meet Up *(Full-Stack Developer)*
(Side Project)

- Launched a dynamic social network for developers to meet up using the **MERN stack**
- Incorporated **React-Redux store** for highly scalable application-level state management that allows access to user, profile, post, and authentication states globally
- Utilized **Cloud-Native Database, MongoDB Atlas,** to effectively stores and accesses schema-less users' information
- Implemented an authentication system with cryptography to enhance privacy protection using **jsonwebtoken** npm package

SKILLS

Programming	| Java • Python • JavaScript (ES6) • TypeScript • C • C++ • SQL • Dart • PHP
Front-End	| React • HTML5 • CSS • Tailwind • Styled Component • Bootstrap • WordPress
Back-End	| Open Liberty • Spring Boot • NodeJS • Express • MongoDB • MySQL • Rest API • Firebase
Blockchain	| Ethereum • Solidity • Hardhat • Waffle • Ethers.js • Truffle
Deployment	| AWS • Netlify • Heroku • Docker