Duong Phan

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Education

University of Houston   *Houston, TX*
Bachelor of Science in Computer Science

Skills

Programming: Java, Python, C++, C#, Haskell, Scala, JavaScript, PHP, Typescript
Libraries: Node.js, Express.js, Angular, Nest.js
Databases: MySQL, SQL Server, CosmosDB, MongoDB
Tools: Bash, MS Visual Studio, Figma, WordPress, Git/GitHub
Certifications: Microsoft Azure Fundamentals (AZ-900), Microsoft Data Fundamentals (DP-900)

Work Experience

Software Engineer Intern   May 2023 - Aug 2023
Avanade   *Houston, TX*
•   Created a full-stack API Portal web application for a client company utilizing **Angular** for the front end and **Nest.js** for the back end, and **CosmosDB** for the database
•   Developed a robust RESTful API, leveraging **Nest.js** to facilitate seamless communication between the front end of the web application and the server
•   Collaborated with team members to train a chatbot for customer inquiries using Azure's **Open AI Service**

Projects

University of Houston Zoo Web Application
•   Engineered a dynamic full-stack web application using **HTML**, **CSS**, **PHP**, and **MySQL**, enabling seamless logins for customers, employees, and admins.
•   Designed and implemented distinct user, employee, and admin views/logins, empowering efficient access to vital customer and employee data
•   Architected and orchestrated a robust cloud-based relational database solution using **Microsoft Azure's MySQL** service

Vietnamese Student Association Landing Website
•   Designed and developed a responsive landing page for VSA using pure **HTML** and **CSS**, ensuring a visually appealing and user-friendly interface for members
•   Enhanced page load time by **41%** by optimizing and scaling images
•   Implemented JWT authentication to secure the login service, enhancing data privacy and user authentication

Leadership Experience

Secretary   August 2022 - January 2023
Vietnamese Student Association at UH   *Houston, TX*
•   Led a committee of **6 - 8** interns through leadership and teamwork development to prepare them for their future officer roles
•   Organized internal and external events with a team of 10 - 12 officers to gather a total of **5000+** members at meetings and events