Shule Zhu

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OBJECTIVE

I am a U.S citizen that authorized to work in the U.S. I do not require future visa sponsorship. Began coding from a young age and decided to further pursue computer science in Clemson University. Seeking a team dedicated to building meaningful software and furthering my computer science knowledge.

EDUCATION

Clemson University - *B.S. in Computer Science*   **Aug 2015 - Dec 2019**
Clemson University - *M.S. in Computer Science*   **Jan 2020 - Dec 2021**

SKILLS & CERTIFICATE

- **Coding & Scripting –** JavaScript | TypeScript | Python | C++ | HTML/CSS | C | C# | Java | .Net | SQL | PowerShell
- **Frameworks and Libraries** – Angular | React | Express.js | Flask | ASP.NET
- **Technologies and Tools** – Git | Docker | Kubernetes | Microsoft Azure | AWS | VS code | Postman | Rest API | Node.js | SSMS | MySQL
- **Concepts** – Agile (scrum) | Algorithms and Data Structures | Object-oriented programming (OOP)
- **Certificate** – AZ-900 | AI-900 | AI-102 | PSM-1

EXPERIENCE

Capgemini   **June 2022 – Current**
Software Developer

- Full-Stack Web Application Developer
    - Designed and developed a comprehensive full-stack web application utilizing React for the frontend and ASP.NET Core (C#) for the backend.
    - Implemented robust user authentication, profile management, and an admin dashboard with role-based access control.
    - Integrated secure password reset functionality via SMTP and built a personalized coupon recommendation system based on user interests.
    - Designed RESTful APIs for frontend-backend communication and used Axios for API integration on the frontend.
    - Software/Language: React, JavaScript, Axios, CSS, ASP.NET Core (C#), .NET 6.0, SMTP, Postman
- Utilized advanced front-end technologies to streamline operations as an Azure developer for a manufacturing company.
    - Collaborated with cross-functional teams to deliver innovative solutions, enhancing user experience, and driving brand growth.
    - Using Angular as a front end to make some changes on a web app UI and test API endpoints in Postman.
    - Redesigned Angular components to make the front-end more accessible.
    - Developed code in Azure Functions to meet the user story requirements.
    - Deployed new code in QA server and tested using Postman.
    - Software/Language: Angular and C#
- Collaborated in a team of two developers to create a React application that used Azure Functions to perform CRUD operations on an Azure Cosmos Database
    - Software/Language: React, Azure Function, Postman, and Git
    - Meet with clients to show progress and set up the Demo.
- Provided support for client's pipelines on Azure DevOps for a beverage manufacturing company.
    - Monitored pipelines for any failures and fixed errors accordingly.
    - Performed SQL queries on QA and Production databases to create daily reports for the client after successful pipeline runs.
    - Deployment process DDL (DATA DEFINITION LANGUAGE).
    - Managed sensitive data through Azure Data Factory.
    - Designed stored procedures for pipeline functionality.
    - Software/Language: VM/SSMS