

Shule Zhu

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OBJECTIVE

My life goal is to become a dedicated Software Engineer seeking a dynamic team environment where I can leverage my technical expertise to develop innovative solutions, continuously grow professionally, and ultimately transition into a leadership role to drive success and impact.

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