Shu Guan (Amanda)

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OBJECTIVE

Seeking full-time opportunities in web and software engineering. Demonstrates proficiency in developing efficient web solutions and managing intricate software projects. Possesses a solid foundation in both front-end and back-end technologies.

EDUCATION

Epicodus   Seattle, WA

Bootcamp   *Jan 2023 - Oct 2023*

Related Course: *Front-End Web Development, Advanced JavaScript, Back-End Web Development*

University of Macau   Macau

Bachelor of Science in Accounting (CGPA 3.55/4.0)   *Aug 2018 – Jul 2022*

Related Course: *Statistics and Data Analysis ,Database Management*

PROGRAMMING SKILLS

Programming Languages: React, C#, JavaScript, Python, Node.js, .NET 6, ASP.NET Core MVC, Java

Tools: MySQL, Git (Version Control), Postman, Azure, EF Core, Bootstrap, Visual Studio

Soft Skills: Interpersonal Communication, Collaboration, Problem-solving, Leadership, Analytical Skills

PROJECTS

MindMentor: AI Voicebot Mental Consultant (Individual Project)   Source Code

React, FastAPI, OpenAI, HTTPS   *August 2023*

- Developed an AI-powered voicebot using React for the frontend and FastAPI for the backend, designed to offer mental health consultations, stress management tips, and mindfulness exercises.
- Integrated OpenAI's Whisper API and Eleven Labs' voice recognition technology for seamless voice interactions.

Local Business Directory API   Source Code

C#, .NET 6, Versioning, Swagger UI   *July 2023*

- Developed a RESTful API that seamlessly manages the data for local businesses, improving data access by 70% compared to previous manual methods.
- Crafted the solution using C# and .NET 6, ensuring quick response times with an average of 200ms per query.
- Implemented Swagger UI for user-friendly API docs, reduced developer onboarding time
- Incorporated forward-thinking API versioning, safeguarding the system against potential backward compatibility issues and decreasing update-related downtimes by 40%.

Secure Credentials Vault (Team of 3)   Source Code

C#, .NET 6, ASP.NET Core MVC, CSS, Razor, Bootstrap, EF Core, Azure   *July 2023*

- Engineered a secure application using C#, .NET 6, and ASP.NET Core MVC, allowing users to safely store sensitive credentials such as emails and passwords.
- Leveraged Entity Framework Core and MySQL for efficient database operations, successfully handling over 10,000 data entries and ensuring seamless storage and retrieval processes.
- Employed CSS, Razor, and Bootstrap for a responsive UI/UX design
- Deployed the application on Microsoft Azure, maintaining a 99.8% uptime over a month.

WORK EXPERIENCE

The Salvation Army   Seattle, WA

Junior Accountant   *Apr 2023 - Present*

- Efficiently reconciled bank accounts, achieving a 98% accuracy rate and promptly resolving discrepancies.
- Organized and managed bank reconciliation records, ensuring streamlined and efficient audit processes.