Michael Hayworth

Software Engineer

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SKILLS

Full-stack development, C#, .NET Framework, SQL, HTML, CSS, Javascript, Azure DevOps, Visual Studio, AWS, Outsystems, PHP, Laravel, Alpine.js, Tailwind CSS

EXPERIENCE

BAM Technologies, Arlington, VA (Remote) - *Software Engineer*

MAY 2022 - PRESENT

- Collaborates with a Scrum team in an Agile work environment using Azure DevOps to iterate upon an HR software solution for the U.S. Air Force.
- Contributes to an extensive codebase, working on both the front and back-end of the application.
- Focuses on core platform work such as building upon a design system of reusable frontend components, as well as shared backend services.
- Designs and develops RESTful .NET APIs within a microservice architecture.
- Worked with a team to spearhead the integration of cloud infrastructure(AWS) into our platform's architecture.

Kent State University, Kent, OH - *Student Applications Developer*

NOV 2019 - MAY 2022

- Worked both independently and on a team developing a variety of Kent State's web applications using the Outsystems platform.
- Created new features and repaired existing ones, fostering development in analytical and problem-solving abilities.
- Was involved in both front-end and back-end development, enhancing a variety of skills such as HTML, CSS, and JavaScript, as well as server-side logic and data management.
- Created a data collection application called "Food for Thought" from scratch that is to be used for a psychological study at Kent State. The application includes a front-end component that prompts the participants for data as well as an administrative component that allows

the researchers to export and analyze the data collected. This project provided bountiful experience in developing clean user interfaces as well as efficient back-end server logic.

EDUCATION

Kent State University, Kent Ohio - *M.S. in Computer Science with Computational Data Science Concentration*

AUG 2023 - PRESENT

Currently pursuing a Masters Degree in computer science.

Kent State University, Kent Ohio - *B.S. in Computer Science with Game Programming Concentration*

AUG 2019 - MAY 2022

Graduated from the Kent State University Honors College with a GPA of 3.97.

Held the position of Lead Programmer and Secretary in the Animation and Game Design club.

Inducted into Phi Beta Kappa upon graduation.

AWARDS

State Semifinalist at 2019 OSDA speech and debate tournament.

National Merit Commended Scholar (ranked in the top 3.3% of PSAT test takers).

AP Scholar with Distinction.