

Aidan Perez

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SUMMARY

Innovative Software Engineer with extensive experience in developing scalable, high-performance systems and data-driven solutions. Proven expertise in full-stack development, machine learning, and cloud-based architecture, including React, .NET, and AWS services. Adept at analyzing large datasets to extract actionable insights, improving user experience, and driving business growth. Demonstrates strong collaboration and leadership skills through successful project management and cross-functional teamwork. Passionate about leveraging technology to solve real-world problems and create accessible, impactful solutions.

EXPERIENCE

AudiencePoint (*Software Engineer*) | Chattanooga, TN May 2018 – Present

- Directed the strategic migration of AudiencePoint's website, transitioning to a contemporary architecture utilizing a React frontend and a .NET 8 Web API backend, deployed on AWS via serverless Fargate instances in Elastic Container Service, significantly enhancing system scalability and performance.
- Spearheaded design and development of machine learning models using Scikit-learn, deployed on AWS SageMaker. Analyzed vast datasets (82 trillion data points) for insights into user behavior, ultimately resulting in a 7x boost in UX and performance.
- Implemented robust unit tests using Microsoft Unit Test in C# to ensure code quality and improve reliability.

Sawtooth Ventures (*Software Developer*) | Remote Apr 2022 – Aug 2022

- Architected and built a full-stack ranch management tool using React.js (frontend) and Airtable (backend), streamlining operations and delivering a superior customer experience.
- Demonstrated strong collaboration skills, working closely with project managers to effectively set and meet software development milestones.

GoCo Labs (*Software Developer*) | Wenham, MA Feb 2021 – Apr 2021

- Redesigned Gordon College's events website with React (frontend) and C# (backend) to create more intuitive search and navigation, directly enhancing user experience.
- Developed data visualization tools to improve storytelling capabilities for the 360.gordon.edu website.

EDUCATION

Gordon College | Wenham, MA

Bachelor of Science in Computer Science; Minor in Data Science, Music

- Cumulative GPA: 3.42
- Honors: Connect Scholarship 2018; Presidential Honors Fall 2020, Fall 2022; Dean's List Fall 2018, Spring 2022, Spring 2023
- Athletic Engagement: Rowing Team 2020-2023
- Club Engagement: Gospel Choir 2018-2020; Symphonic Band 2018-2023
- Activities: Spring Into Action-- Successfully led the development and launch of a sustainability competition website, utilizing C# (backend) and HTML/JavaScript (frontend).

ADDITIONAL INFORMATION

- Technologies:** C#, MySQL, React, React Native, Python, Lambda, SQL Server, DynamoDB, HTML, JavaScript, CodePipeline, CloudWatch, R, Java, S3, C++, Git, Kotlin, Swift
- Certificates:** Google Professional Cybersecurity Certificate (received June 2024)