

Alexandru Muresan

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SKILLS

- **Languages:** TypeScript, JavaScript, Ruby, Java, PHP, Python, HTML5/CSS3
- **Frameworks/Libraries:** React, React Native, Rails, TailwindCSS, BootstrapCSS, RSpec
- **Technologies:** Firebase, SQL, PostgreSQL, Git, AWS S3, Kamal, Docker

WORK EXPERIENCE

SYSTOLIC INC.

September 2024 - Present

Working as a government subcontractor in software development, providing high-quality software engineering services to the Intelligence Community (IC) in support of U.S. national defense.

SYSTOLIC Inc.

January 2025 - Present

- **Stack:** Ruby on Rails, PostgreSQL, ActiveRecord, Git, Docker, RSpec
- Developing an internal application for the company to streamline staffing, acquisitions, security, and management operations.
- Collaborating with end users to gather feedback, prioritize feature requests, and resolve issues, ensuring continuous improvement and optimal performance of the application.
- Directing efforts to implement robust test coverage, including spec configuration and the establishment of standards for system and model specs.

Peraton

September 2024 - January 2025

- **Stack:** Javascript, jQuery, Java, HTML/CSS, Git, Docker, Maven
- Worked closely with a team to design and prototype a Cyber Threat Intelligence exchange web application for a government agency.
- Designed, developed, and implemented new features for the application in collaboration with other developers in order to meet project requirements.

Katapult Engineering

Dillsburg, PA

Software Development Intern

June - November 2023

- **Stack:** Javascript (Polymer), Firebase, CSS, Git
- Enhanced user experience and product quality by identifying and resolving software bugs, ensuring seamless functionality, and optimizing code for robust performance.
- Designed and implemented custom software features to meet diverse client needs, demonstrating adaptability and innovation while providing exceptional customer service and troubleshooting support.

PROJECTS

Ekklesia

May 2025 - Present

- Architecting both front-end UI and back-end infrastructure for a mobile app designed for Christian Bible study groups.
- Building a full-stack mobile application using TypeScript and React Native, delivering a distinct and unique user experience.
- Using Ruby on Rails and PostgreSQL on the backend to manage user data, implement authentication, and optimize data privacy and performance.
- Utilizing Expo EAS for mobile builds and Kamal to deploy the backend on an Ubuntu-based VPS.

OVYA

May - August 2024

- Designed an aesthetically pleasing, user-friendly mobile application intended for couples to share content privately.
- Developed a full stack mobile application using Javascript and React Native, and implemented a unique and intuitive feature set.
- Utilized Google Firebase suite to integrate a real-time document-structure database for quick and performant data retrieval, while ensuring user data privacy.
- Leveraged Expo, and EAS to build mobile application and deploy on the iOS App Store.

EDUCATION

Messiah University

Mechanicsburg, PA

Bachelor of Science(B.S.) in Computer Science

August 2021 - May 2024

- Software Development Concentration
- Graduated Summa Cum Laude with a GPA of 3.96
- Honor's Program participant and Leadership Council Board member

Universidad de Granada

Granada, Spain

Spanish Linguistics and Communication Minor

January - May 2023

- Completed 18 credits of immersive Spanish courses in grammar, linguistics, and communication, during a five-month study abroad program.

VOLUNTEER EXPERIENCE

Volunteer Coach

First Tee, Washington, DC

(August 2019 – December 2019)

- Obtained communication and leadership skills working with other coaches and volunteers to lead and coach students in golf and life skill activities.
- Actively coached and helped new and current program members develop golf while also reinforcing the program's core values on and off the golf course. Worked with other volunteers and coaches to create activities and programs to help students grow as youths as well as golfers.

Board Member

Honors Leadership Council, Messiah University, PA

(January 2022 – May 2024)

- Practiced leadership and teamwork skills working with other board members to plan and facilitate Honors Program events for other Honors Program students.
- Worked as First-Year Liaison to communicate needs, wants, or interests of new students with other board members to best adapt the program to incoming students. Currently working as an Event coordinate and plan events for students that reflect semester Program themes and ideas.

HONORS AND AWARDS

- National AP Scholar with Honor, 2020
- Messiah University Honors Program Participant
- Dean's List: Fall 2021 – Spring 2024
- James R Hoffa Scholarship, 2021-2024
- Sonlight Curriculum Scholarship, 2021-2024
- James E Casey Scholarship, 2021-2024
- Chick-Fil-A Remarkable Scholars Scholarship, 2021-2023

ALL PROJECTS

OVYA

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Atelier DellCastle

July - August 2023

- Developed a visually captivating professional portfolio website for a woodworking artist using HTML, TailwindCSS, and JavaScript.
- Integrated Firebase as the backend, enabling seamless data storage, retrieval, and authentication functionalities for the website.
- Designed and coded a user-friendly interface to showcase the artist's work, highlighting their skills and achievements effectively.