

Sam DeMuth

Mount Pleasant, MI | 231-420-1852 | demuths@oregonstate.edu | [linkedin.com/in/samdemuth-dev](https://www.linkedin.com/in/samdemuth-dev) | github.com/demuthsa

PROFESSIONAL SUMMARY

U.S. Navy Veteran with 9 years of service and 2+ years of software engineering experience. Skilled in JavaScript, .NET, React.js, Power Platform, SQL, and Python, with strong background in developing web applications, RESTful APIs, and automating workflows. 8+ years of customer service and management skills, complemented by strong leadership from military experience. Experienced in Agile/Scrum environments, CI/CD pipelines, and tools like Git, Atlassian toolset, Docker, and Google Cloud Platform. Recognized for team training, high standards, and delivering results under pressure. Ability to obtain Secret clearance and **willing to relocate**.

EDUCATION

Oregon State University <i>Bachelor of Science in Computer Science</i>	Corvallis, OR <i>June 2024</i>
American Public University <i>Bachelor of Business Administration</i>	Charles Town, WV <i>May 2019</i>

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS, C#, TypeScript, SQL (MariaDB), NoSQL (MongoDB)
Technologies: React, Node.js, Flask, Express, REST API, Power Platform, Google Cloud Platform
Developer Tools: Git, GitHub, Docker, VS Code, Postman, Vite, Jira, Confluence, Bitbucket

EXPERIENCE

Software Engineer Intern <i>Daimler Truck Financial Services</i>	June 2023 – September 2023 <i>Farmington Hills, MI</i>
<ul style="list-style-type: none">Developed 6 JavaScript and Microsoft Power Apps applications for forms and back-end workflows.Automated tasks and data integration by configuring Power Automate to process JSON payloads.Improved app navigation using Power Fx formulas for dynamic user flow management.Managed the migration of 92 department sites to SharePoint Online.Created documentation and trained 50+ site owners on content management and security.	
Full Stack Engineer Intern <i>SEI Investments Company</i>	June 2022 – August 2022 <i>Oaks, PA</i>
<ul style="list-style-type: none">Developed RESTful API endpoints using .NET within an MVC architecture.Built cross-device user interfaces with JavaScript and React.js.Engaged in 15+ pair programming sessions in C# and .NET to enhance code quality.Managed task, documentation, and code reviews using Atlassian toolset.Demonstrated a deep understanding of Agile Methodology, actively participating in daily stand-ups, sprint planning, and retrospectives.	
Operations Specialist <i>United States Navy</i>	June 2015 – March 2022 <i>Norfolk, VA</i>
<ul style="list-style-type: none">Trained 26 personnel in Air Detection, Communication Data Link Systems, and Anti-Submarine Warfare.Led a team of 3 as the primary Communication Data Link Systems operator, ensuring network availability for 65+ missions.Led Command Assessment Team for 250 reservists, addressing concerns related to command policies and equal opportunity.Command career counselor for unit of 20+ personnel, offering clear guidance and assistance.	

PROJECTS

Trivia Forge | trivia-forge.onrender.com

June 2024

- Built a web-based trivia generator using the ChatGPT API, enabling CRUD operations for custom games with Flask (Python) and Supabase (relational database).
- Managed global state with Zustand and integrated Axios for seamless React frontend-backend communication.
- Modularized backend routes using Flask blueprints, enhancing the maintainability of the codebase.
- Automated testing, linting, and deployment with CI/CD pipelines using GitHub Actions.

Tarpaulin Course Management Tool | a6-course-management-tool.uc.r.appspot.com/

June 2024

- Developed and deployed a complete RESTful API with 13 endpoints using Python, Flask, Google App Engine, and Datastore.
- Integrated Google Cloud Storage for user avatar management and ensured secure operations with JWT authorization.
- Endpoints include user authentication with Auth0, course management, and student enrollment.

ReviewMate REST API | github.com/demuthsa/ReviewMate-REST-API

April 2024

- Designed and implemented a RESTful API with 11 endpoints for a business and review platform, supporting full CRUD operations and MySQL for data storage.
- Containerized the application using Docker and deployed using a virtual machine created with Google Compute Engine.
- Thoroughly tested the API using Postman collections and automated tests with Newman, validating API functionality.

Employee Management System | github.com/demuthsa/EmployeeManagementSystem

December 2023

- Developed a React frontend and a modular Node.js/Express backend with SQL, using Vite and Axios for efficient CRUD operations.
- Optimized hospital staffing and scheduling workflows with advanced SQL features like CASCADE operations and constraints.
- Implemented form validation, error handling, and real-time updates using React, Vite, and day.js.