

JOSHUA O'HALLORAN

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SUMMARY

Client-focused Solutions Architect and Technologist with a proven track record in backend software development, customer success, and post-sales technical support. Experienced in independently designing and deploying scalable, cloud-based solutions for diverse clients as a self-employed contractor and cross functional collaborator. Skilled in adopting to new challenges on the fly and managing expectations from multiple teams to provide the best product possible.

EDUCATION

Temple University | College of Science and Technology | *Bachelors of Science in Information Science and Technology* | PA, USA

May 2025

SKILLS

Languages	C#, SQL, Java, Python, Kotlin, JavaScript, PHP, HTML, CSS
Frameworks& Libraries	.NET, ASP.NET MVC, React, Ruby on Rails, Node.js, Bootstrap, AJAX, XGBoost, GLM
Task Management	Client Onboarding, Technical Support, Agile Workflows, BugHerd, HubSpot, Account Management, Post-Sales Support, Customer Success, Technical Troubleshooting
Development Skills	API Design, Object Oriented Design, Full Stack Development, Backend Architecture
Databases	Data Modeling, MyPHPAdmin, SQL, MySQL, Oracle, Firebase, Firestore, NoSQL, AccessDB

EXPERIENCE

Solutions Consultant (Contract) | Code Current LLC (Pennsylvania, USA)

Feb 2023 – Present

- Provided full-stack web development and integration services to over 100+ B2B clients, delivering tailored digital solutions for small- to mid-sized businesses.
- Led end-to-end data migration projects across WordPress, HubSpot, and other CRM platforms using MySQL and phpMyAdmin, ensuring data integrity and minimizing downtime.
- Engineered responsive websites using HTML, CSS, JavaScript, and Bootstrap, improving client engagement and performance across mobile and desktop platforms.
- Integrated CRM systems (including HubSpot) with client websites, streamlining lead capture and automating marketing workflows for dozens of sales teams.
- Built and maintained scalable web applications in C# and ASP.NET (Razor Views), emphasizing maintainability, SEO optimization, and page speed performance.
- Configured and automated workflows within Google Workspace to support collaboration, data handling, and branded communications.

Teaching Assistant – Philadelphia, PA, USA | Temple University

Jan 2025 - May 2025

- Provided instructional support for a capstone course, assisting 20+ students with assignments, projects, and software development.
- Helped students troubleshoot technical issues, debug code, and enhance their Capstone project outcomes.
- Graded assignments and provided constructive feedback on student performance which helped student understand any sticking points and expectations for their given project.

Inflight Crew, American Airlines | (Philadelphia, PA)

Feb 2018 - Present

- Led cross-functional teams in high-pressure environments, developing solutions to optimize workflows, address issues, and ensure safety during both routine and emergency situations.
- Demonstrated excellent communication skills by collaborating with colleagues and engaging with hundreds of passengers weekly, ensuring smooth operations and a high standard of customer service.
- Proactively solved problems, leveraging strong interpersonal skills to manage time-sensitive and resource-limited situations.

PROJECTS

Owly Emotional Support Chatbot: Natural Language Processing AI Chatbot

Technical Lead – AI-Powered Chatbot

- Led the development of Owly, an NLP-based emotional support chatbot deployed via AWS LightSail, designed to enhance user engagement and streamline access to wellness resources.
- Translated technical complexity into user-friendly features, driving adoption and measurable improvement in usage patterns.
- Acted as technical lead and team facilitator, setting API contracts, managing deployments, and aligning platform behavior with end-user expectations.
- Integrated SQL Server database to capture structured linguistic metrics; led design documentation and TDD practices.