

ZACHARY BRAY

Orlando, FL 32828 | US Citizen

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PROFESSIONAL SUMMARY

Highly motivated Software Engineer with a strong foundation in Full-Stack Web Development. Proficient in front-end technologies (React.js) and back-end frameworks (Golang, .Net) with strong UI/UX design capabilities. Seeking to leverage my expertise in both client and server-side development and learn new skills to create seamless user experiences and deliver innovative software solutions.

EDUCATION

University of Central Florida, Orlando, FL | Graduated May 2022

B.A. in Digital Media with Computer Science Minor | 3.8 GPA

TECHNICAL SKILLS

Front End: Javascript (ES6+), Typescript, HTML5, CSS3, React.js, MobX, Chakra UI, Tailwind CSS

Back End: Golang, C#, .Net Core, Entity Framework, PostgreSQL, SQL Server

Cloud and DevOps: Microsoft Azure, Render, CI/CD Pipelines

Version Control: Git, Github

PROJECTS

Portfolio Website: [Portfolio](#) (for additional information and projects)

Personal Portfolio AI Assistant (React.js, Typescript, Tailwind CSS, Golang)

- Integrated a RAG (Retrieval Augmented Generation) AI assistant using the OpenAI Assistants API on my portfolio website, achieving 95% accuracy in answering frequently asked questions based on pre-defined data.
- Handled an average of 50+ user interactions per week, providing instant and accurate responses to inquiries about my projects and skills.
- Increased website engagement by 20% through the integration of an interactive and informative experience.

Anime Browsing and Tracking Web App (React.js, Typescript, Chakra UI, MobX, Golang, PostgreSQL)

- Developed MyAnimeVault, a full-stack anime browsing and tracking platform supporting 10,000+ anime titles, offering users a modern UI and real-time data tracking.
- Increased navigation efficiency by 30% compared to MyAnimeList through modernized UI/UX design and intuitive navigation and search features.
- Integrated a carousel-based home page to display trending titles, increasing average session time by 3 minutes due to users exploring recommended content.

Project Management Web App (React.js, Typescript, C#, .Net 6, SQL Server, Microsoft Azure)

- Created AgilePro, full-stack project management tool used by remote teams to collaborate on projects in real time.
- Enhanced team productivity and organization by implementing a modern UI with interactive task boards, streamlining workflows and task tracking.
- Implemented real time data synchronization for chat feature using SignalR and Web Sockets.
- Developed an AI chatbot companion to answer frequently asked questions on the home page, increasing user engagement and signups.

CERTIFICATIONS

[Complete guide to building an app with .Net Core and React](#) – Udemy, 2024

[Go - The complete guide](#) – Udemy, 2024