Tyler Ewing

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EDUCATION

Florida International University	Miami, FL
Bachelor of Arts in Computer Science	*Jan. 2021 – August 2024*
Turks and Caicos Islands Community College	Turks And Caicos Islands
Associate's in Computer Studies	*Dec Jan 2018– Dec 2020*

EXPERIENCE

Software Engineer — March 2024 – Present
Allstate — *Miami, FL*

- Architected and engineered a robust, web-based CRM lead management system leveraging technologies such as Node.js, React and Microsoft SQL
- Worked closely with stakeholders to define user requirements and ensure alignment with business objectives, leading to the successful delivery of projects on time and within budget
- Deployed application using various cloud based technologies such as Azure App Service, Azure Static Web Apps, Azure SQL Server, Azure Pub Sub
- Designed and implemented a RESTful API using Express.js to allow data flow integration with external third party vendors
- Implemented various manual and automated testing strategies using Postman, Jest and React Testing Library

Freelance Digital Marketing — Dec. 2018 – 2022
Self Employed — *Remote*

- Developed user friendly user interface using HTML, CSS, and Liquid
- Launched multiple high- converting e-commerce websites using Shopify platform
- Generated buzz for various product marketing campaigns using targeted Facebook Ads and Instagram Influencer Ads
- Generated 11,000+ in revenue from targeted Facebook campaigns and paid influencer marketing

PROJECTS

Anonymous Chat Messaging App| *React, Express.js, Azure, Socket.IO* — Jan 2024 - Present

- Designed fully anonymous chat application service using end to end encryption techniques with help of 2 other developers
- Designed RESTful API using Express.js and utilized JWTs to handle API authentication
- Utilized Socket.IO to implement the use of web sockets to enable bi directional communication between client and server
- Utilized Tailwind CSS to speed up front end implementation with the use of utility classes
- Deployed Microsoft SQL server using Azure SQL Server

Online Music Sharing Platform | *Java Spring Boot, React, MySQL, Git* — Jan 2024 – April 2024

- Collaborated with 5 software developers to develop web based music sharing platform using various web based technologies
- Defined user requirements and designed system architecture using UML diagrams
- Defined and designed database schema using Entity Relation diagrams
- Created technical documentation to highlight technical design decisions
- Worked closely with back end developers to define API functionality to ensure a seamless experience on front end client side
- Designed and implemented front end user interface using React and Tailwind CSS

TECHNICAL SKILLS

Languages: Java, C/C++, SQL, JavaScript/TypeScript, HTML/CSS
Frameworks: Express, React, Node.js, Java Spring Boot, Jest, Bootstrap
Developer Tools: Git, Docker, Azure, VS Code, Microsoft SQL, Linux/Unix, Azure Devops, Azure Data Studio, npm, Postman, MySQL, Prisma