Jushua Steven R. Taduran

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Summary

Even though my discovery of coding was unintended, I have found a strong passion and determination to succeed as a Full Stack Software Developer. Building on my experience as a Software Developer, I am committed to leveraging my skills to build strong and user-friendly applications and websites. I firmly believe that all hard work will bear fruit, leading to excellence and success in every path I take.

Technical Proficiencies

Frontend Development
- **Languages:** JavaScript, TypeScript, HTML5, CSS3
- **Frameworks/Libraries:** ReactJS, NextJS

Backend Development
- **Languages:** JavaScript (NodeJS), TypeScript, Python, Java, C#, PHP
- **Frameworks/Tools:** ExpressJS, GraphQL
- **Databases:** MySQL, Pocketbase

Others
- **Platforms:** Digital Ocean
- **Containerization:** Docker
- **Machine Learning & AI Libraries:** TensorFlow, PyTorch
- **Game Development Engine:** Unity

Work Experiences

Software Developer – Eduksine Studios   **February 2023 – Present**
Front-End Development and Backend Development
- Designed and maintained the database structure for new film entries, contributing to the scalability and performance of the platform.
- Created visually appealing, user-friendly interfaces to boost engagement and accessibility, showcasing skills in UI/UX design with Figma and front-end development tools.
- Implemented new features and optimized existing functionalities to improve system efficiency and user satisfaction.
- Gained hands-on experience with tools such as Docker, DigitalOcean, MySQL, and the ReactJS framework.

Summer Web Developer Intern – Wireless Access for Health (WAH)   **July – August 2024**
Front-End Development and Backend Development
- Engineered a Payroll System for WAH employees utilizing Laravel and MySQL, streamlining salary processing and report generation.
- Collaborated with the UI/UX team to bring designs to life using HTML5, CSS3, and JavaScript—incorporating animations and interactions to enhance user experience.
- Enabled dynamic payroll receipt generation directly from the database, improving administrative workflow.

Social Media Manager – GameFi Inc.   May 2021 – October 2022

- Managed online communities across Discord, Facebook, and Telegram, growing engagement and improving retention.
- Gained experience in community building, digital communication strategies, and emerging Web 3.0 technologies.
- Contributed to marketing efforts and user support, acting as a bridge between developers and the community.

Projects

Eduksine Studios – Streaming Platform   **2023 - Present**
Full-Stack Development

- Input and maintained film/title data in MySQL, ensuring accurate and organized records.
- Developed responsive, user-friendly interfaces using React.js and Next.js, enhancing engagement and accessibility.
- Utilized Tailwind CSS for responsive UI and Figma for wireframing.

Kiriby Studio – Anime Merchandise Website   **2024**
Full-Stack Development

- Developed a collection of Anime Merchandise made by Kiriby Studios using HTML, CSS, and JavaScript.
- Designed an aesthetically pleasing and user-friendly interface to enhance user engagement and accessibility, demonstrating proficiency in UI/UX design and front-end development.
- Implemented Pocketbase for database

Parser – Recursive Decent Parser   **2024**
Full-Stack Development

- Designed and implemented a recursive descent parser in Python capable of analyzing and processing arithmetic expressions and nested parentheses.
- Developed lexical analysis to tokenize input strings into valid tokens (numbers, operators, parentheses).
- Implemented syntax validation to ensure expressions conform to grammar rules before parsing.
- Demonstrated compiler design principles by constructing a parse tree for valid expressions.

Auto Spotter – Parking Management Web App   **2023**
Full-Stack Development

- Developed a parking management web app using ReactJS, SocketIO, MySQL, and Express.
- Integrated live updates on parking availability using SocketIO, enhancing user experience with real-time data
- Designed a responsive interface with ReactJS, ensuring uninterrupted user interaction on different devices.
- Built a secure booking system with user authentication and an admin dashboard for occupancy analytics.
- Prototyped a hardware sensor module (Arduino/RPi) to feed live parking data into the MySQL database.

Anime-Based Website   **2023**
Front-End Development

- Developed an Anime-Based Website using HTML, CSS, and JavaScript.
- Designed a visually pleasing and user-friendly interface.

Education

Tarlac State University - College of Computer Studies   **San Isidro, Tarlac City**
Bachelor of Science in Computer Science   **August 2021 - Present**

Programming Coursework: Software Engineering, Data Structure and Algorithm, Operating Systems, Computer Organization and Assembly Language, Automata Theory and Formal Languages

Certifications: Introduction to Networks, CISCO Certifications: Switching, Routing, and Wireless Essentials, Cyber Threat Management