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EXPERIENCE

Dec 2023 – May 2024

- Developed and optimized key features for the world's first debit card web app for the specially abled, using React.js with TypeScript and ensuring cross-device compatibility and responsiveness.
- Re-developed the user onboarding process using RESTful APIs, ensuring 60% of users were onboarded autonomously.
- Applied Redux for state management and SCSS for modular styling, improving application performance.
- Redesigned the Front-End of the website, ensuring WCAG compliance and a more intuitive user flow.

Feb 2023 – May 2023

- Lead a comprehensive 12-week, industry-linked project primarily as a Front-End Developer, employing Figma for iterative UI/UX design and developed the application's front-end using ReactJS, implementing responsive design patterns and state management practices.
- Redesigned and optimized database architecture using MySQL, ensuring data integrity and scalability.
- Designed and implemented unit tests using Jest and React Testing Library, validating UI components and Redux state management under various scenarios.

EDUCATION

MAR 2022 - Nov 2024

MAJOR: SOFTWARE DEVELOPMENT

WAM: 82.00 GPA: 3.667/4

Achievements:

- Received a Letter of Commendation for being one of the top students in the course.
- Awarded a Certificate of Achievement and a Scholarship by the **Victorian Government** for earning a position in the highly competitive **SummerTech Live Program**, selected as one of the 70 students across Victoria. Secured an internship at SpendAble through this prestigious program.

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Networks and Switching, Web App Development, Database Systems & Management, Cloud Computing, Software Testing and Reliability.

TECHNICAL EXPERIENCE

Projects

July 2023 – Nov 2023

- Designed and developed a cutting-edge decentralized trading system for smart contracts execution, and price comparison of crypto assets.
- Used API endpoints and implemented fuzzy search to group similar products and normalize API responses.
- Utilized ReactJS for an intuitive front-end and integrating Web3.js for Ethereum blockchain interactions.
- Developed RESTful APIs using .NET Core Web API and minimal API, integrating with Microsoft SQL Server databases.
- Established an automated CI/CD pipeline with Jenkins for development, testing, and deployment workflows.

March 2023 – Jun 2023

- Crafted a secure and robust library management system with Vue.js, MySQL, and PHP, featuring RESTful APIs, JWT authentication, and Docker containerization for development consistency.
- Integrated real-time book availability and a queue-based reservation system, enhancing operational efficiency and user satisfaction through websocket communication and optimized SQL transactions.
- Applied Bootstrap with advanced SASS customization for a responsive and accessible UI.

Languages and Technologies

Languages: C++, C#, Python, SQL, JavaScript, TypeScript, HTML/CSS

Frameworks: React, Node.js/Express.js, .NET, .NET Core

Developer Tools: Git, AWS Cloud, Azure, Docker

Libraries: pandas, NumPy, Matplotlib

References

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