

Richard Carrigan

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Experience

Technical Program Manager, Microsoft (2020 –Present)

- Designed, built, tested, and deployed over 20 Power Platform solutions using various combinations of Power Apps, Power Automate Flows, Power Apps portals, and Power Pages to solve pain points in business processes and streamline workflows.
- Architected and configured Application Lifecycle Management (ALM) workflow to apply Software Development Lifecycle (SDL) best practices to Power Platform solutions, leading to a 20% reduction in development time, and an 80% reduction in deployment errors.
- Built two SharePoint sites (one communication, one teams-connected) and maintained a total of 5 SharePoint sites to support 20 team members as well as over 300 daily users
- Refactored existing Node API to include automated testing, graceful error handling, file upload and storage, and LinkedIn authentication for automatic form completion, which led to 10x greater scalability and 40x load capacity.
- Streamlined development workflow by implementing Azure App Service deployment slots, reconfiguring Azure DevOps pipelines, and establishing Git workflow policies.
- Achieved and maintained 100% security, privacy, compliance, and accessibility scores across all assets by implementing RBAC security standards, performing regular access audits, and deactivating/removing unused services/assets.

WordPress Developer, Music Express LLC (2016 –2020)

- Implemented new UI features from concept through deployment using combinations of HTML, CSS, JS, and PHP by collaborating with sales and design team members to create and implement new features.
- Increased search traffic and customer retention, while also reducing page load times over 60%, by implementing numerous UI, SEO, and performance optimizations such as CDN caching and media lazy loading.

Independent Projects

Pers (<https://github.com/nihonjinboy85/pers>)

Personal financial management app using React for the front-end framework, Apollo GraphQL on server and client, and a MongoDB database. Currently in pre-production development.

The MEAN Store(<https://github.com/nihonjinboy85/ecommerce-mean-app>)

Ecommerce web app that allows users to review products in list and detail views, save items to cart, purchase, and log in and out.

Technologies used: HTML, CSS, JS, Angular, Node, Express, MongoDB, TypeScript, NgRX, Material Design, and Snipcart API.

Modern-devtools-config(<https://nihonjinboy85.github.io/modern-devtools-config>)

Framework-agnostic development foundation I created to solidify my understanding of the types of tools being used in professional modern web development. **Technologies used:** Git, Node, Express, Cypress, Webpack, Babel, Typescript, Sentry, and Docker.

Skills

- Node + Express server management
- Angular & React component-based frameworks
- Serverless code & no-code app development
- Cloud service implementation, management
- HTML5, CSS3, JavaScript (ES6+)
- Git
- Version Control & Workflows
- SQL Server, MongoDB databases
- OAuth, D3, SnipCart, Material Design APIs
- Advanced M365 Experience (Excel, SharePoint, D365, Power Platform)

Certifications

- **Microsoft** – Microsoft Certified Trainer (MCT), AZ104: Azure Administrator Associate, AZ900: Azure Fundamentals, AI900: Azure AI Fundamentals, MS900: Microsoft 365 Fundamentals
- **freeCodeCamp**-Responsive Web Design, JS Algorithms and Data Structures, Front-End Libraries, Data Visualization

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Education

Associate degree, Olympic College (2016)

Relevant courses

- Java OOP
- Programming Concepts
- SQL
- UI Design
- Web Dev I and II
- Web Multimedia
- XML

Hobbies

Soccer (coaching, watching, playing), Obstacle Course races (Tough Mudder, Spartan Race, etc.)