Mike Ibberson

Technical Lead, Senior Developer

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Objective

Senior full-stack MERN (Mongo, Express, React, Node) developer, focused on automating internal workflows, integrating proprietary and open-source systems and engaging users with accessible, effective UI/UX design. Agile technical lead, experienced with project management, client coordination, budgeting and team management/mentoring.

Experience

3merge Inc *Partner, Lead Developer from February 2019 to April 2023*

- Delivered business process automation to companies in manufacturing, distribution and digital enablement
- Oversaw all operations, driving product development on the internal framework, Q3, written exclusively in JavaScript
- Integrated third-party solutions such as QuickBooks, PayPal, Microsoft, SPS Commerce, Purolator, Salesforce and more
- Worked with top-tier vendors to deploy online services, including Heroku (Salesforce), Netlify and MongoDB
- Collaborated with different stakeholders on more than a dozen projects, consulting to uncover their needs and find elegant, cost-effective solutions
- Published developer documentation in various formats like Swagger, Storybook and Markdown

Altmedia Inc *Full-Stack Developer, Technical Writer from March 2016 to January 2019*

- Spearheaded the web applications division, working intimately with UI/UX designers and developers to build robust, intuitive online systems using JavaScript (React, jQuery and GSAP), CSS3 and HTML5
- Implemented agile tools that improved internal productivity, including Jira and GitHub
- Delivered custom website themes on HubSpot, WordPress and Contentful

VoIP ITs *Website Administrator, Junior Developer from March 2015 to March 2016*

- Redesigned and maintained the brand's main web properties on Joomla
- Contributed to development of a digital onboarding tool—a single-page application (SPA) that enabled users to buy and provision SIP licenses
- Crafted content for customers and employees

Skills

JavaScript Expert in React and NodeJS, with extensive experience using popular frameworks like Express, Mongoose, Moment, Babel, Gatsby, MUI and Styled Components

Yarn/NPM Proficient in package bundling, versioning and distribution, as well as with mono-repo workspaces, dependency management and CLI scripting

MongoDB Adept at querying, designing, indexing, benchmarking and managing non-relational databases, with practical experience migrating data from relational databases like Postgres and MySQL

API Experienced working with, designing and programming REST and GraphQL APIs for headless web applications

HTML5/CSS3 Expert cross-browser/device web development skills, with special attention on performance and accessibility

Git/DevOps Capable of configurating CI pipelines using Heroku and GitHub Actions as well as writing the unit, integration, end-to-end and linting tests that run in the workflows

Agile Methodology Conditioned to work in one, two and three-week sprint cycles, write and estimate stories/epics and groom the product backlog

Technical Writing Exceptional communication skills, well-practiced writing API documentation, briefing product stakeholders and drafting project specifications

CMS Capable of custom coding and modifying themes on WordPress, Joomla, Shopify and HubSpot as well as configuring headless software like Contentful

Project Management Experienced mentoring junior developers and managing clients—from onboarding through to iteration and maintenance

Vendor Management Worked with many vendors to deploy code, including Heroku (Salesforce), Netlify, Mongo Atlas, Digital Ocean (Docker) and AWS

Projects

JournalEngine™/US Naval Facilities Engineering System Command (NAVFAC)
- Developed proprietary journalling system using the MERN stack, where users register for one-on-one and group coaching sessions
- Integrated backend with PayPal's ordering and subscription API
- Architected multi-tenant design to allow core system to be white-labelled
- Received US military security clearance after third party audit

TDL Gentek
- Delivered custom sales, pricing and marketing portal using MERN stack
- Integrated with Grandstream provisioning servers, 3CX Salespoint, Purolator E-Ship, Bambora, Mailgun, Mailchimp and Sage Accpac
- Developed custom e-commerce website for reseller marketplace

Marcangelo Foods Inc
- Designed and developed an accessible static website with React, Gatsby and Contentful that satisfies AODA (Accessibility for Ontarians with Disabilities) level AA requirements

Greeley
- Developed mobile web application for warehouse employees to scan VIN numbers and perform routine checks on defected cars
- Created time tracking and reporting system for measuring employee performance
- Implemented COVID questionnaire and safety protocols to comply with public health and safety measures

Panasonic
- Designed, prototyped and developed a channel partner sales portal in PHP and React
- Integrated with DocuSign for PDF generation and templating

Lincoln Electric/Century Welding
- Designed, prototyped and developed an accessible custom e-commerce experience with back office portal in the MERN stack
- Complied with AODA level AA for enhanced shop features like image panning and zooming
- Integrated with Bambora for payment processing and pre-authorization capturing

Education

York University   *2011-2015*
- Specialized Honours Bachelor of Arts
- Graduated Summa Cum Laude with Dean's Honours and a double major
- Studied fundamentals in progressive digital media, with emphasis on content publishing, writing and development