

# Mike Ibberson

*Technical Lead, Senior Developer*

## Contact

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## Address

Pickering, Ontario  
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## Objective

Senior full-stack Mongo, Express, React and Node (MERN) developer, focused on automating internal workflows, integrating proprietary and open-source systems and engaging users with accessible, effective web experiences (UI/UX). 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 for companies in manufacturing, distribution and digital enablement including Lincoln Electric, TDL Gentek Inc. and Marcangelo Foods Inc.
- Oversaw all development operations and managed client roadmaps, budgets and backlogs
- Developed internal framework, Q3, written exclusively in JavaScript and used in all builds
- Integrated third-party solutions such as QuickBooks, PayPal, Bambora, Microsoft, SPS Commerce, Purolator, Salesforce, Grandstream and 3CX Salespoint
- Audited and complied with the Accessibility for Ontarians with Disabilities Act (AODA)
- Deployed online services with top-tier vendors, including Salesforce, Netlify and MongoDB
- Collaborated with various stakeholders, consulting to uncover needs and find elegant, efficient and cost-effective solutions
- Published comprehensive technical developer documentation in formats like Swagger, Storybook and Markdown












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

- Spearheaded 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 for Panasonic, JCM Corp and Canada Rubber Group
- Implemented software for running agile development cycles, such as Jira and GitHub, that improved internal productivity and velocity
- Delivered custom website themes on HubSpot, WordPress and Contentful

**VoIP ITs** *Website Administrator, 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

# 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 using relational databases like Postgres and MySQL
-  **API** Experienced working with, designing and programming REST and GraphQL APIs for headless web applications as well as with helping external development parties leverage said services
-  **HTML5/CSS3** Expert cross-browser/device web development skills, with special attention on performance and accessibility
-  **Git/DevOps** Capable of configuring 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
-  **Content Management Systems (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™** *Digital journal system*

- Developed proprietary digital 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 United States military security clearance after third party audit

## **TDL Gentek Inc.** *Custom sales portal*

- Delivered custom sales, pricing and marketing portal using MERN stack, responsible for more than \$40-million in annual revenue
- 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.** *Accessible website*

- Designed and developed accessible static website with React, Gatsby and Contentful that satisfies AODA level AA requirements

### **Greeley** *Warehouse web application*

- 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-19 questionnaire and safety protocols to comply with public health and safety measures

### **Panasonic** *Channel partner sales portal*

- 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** *Accessible e-commerce website*

- Designed, prototyped and developed an accessible custom e-commerce experience with back office portal in 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