

MICHAEL BUDDE

SOFTWARE ENGINEER

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Versatile full-stack software engineer with over 8 years of hands-on experience in React, Vue.js, .NET, and Node.js. Adept at rapidly mastering new technologies and frameworks to architect and deliver scalable, maintainable applications. Producing high-quality, user-centric solutions that consistently align with strategic business objectives, achieved through close collaboration with stakeholders and agile teams.

TECHNICAL EXPERIENCE

Languages: JavaScript, TypeScript, C, C#, Python, PHP, Ruby, GoLang

Front-End: ReactJS, VueJS, AngularJS, HTML5, CSS3, ThreeJS, WebGL, jQuery

Back-End: NodeJS, NestJS, Laravel, .NET, Ruby on Rails, REST APIs, GraphQL

Databases: PostgreSQL, SQL, MySQL, MongoDB, Firebase, Cosmos DB

Cloud Services: Microsoft Azure, Azure Functions, AWS

Tools & Platforms: Docker, Git, Postman, Shopify, WordPress, WooCommerce, Salesforce

Methodologies: Agile (Scrum, Kanban), DevOps, CI/CD, TDD, OOP, Microservices, SOLID Principles

PROFESSIONAL EXPERIENCE

Full Stack Web Engineer - Specular Theory

Apr 2025 - Present

- Redesigned and refactored the Vue.js front-end of a VR flight-simulation analytics app to improve UI consistency and data visualization
- Re-architected .NET backend services for better maintainability and performance, introducing clear design patterns and reducing technical debt
- Owned end-to-end feature development largely autonomously, from requirements gathering through deployment, while incorporating stakeholder feedback

Software Engineer - Liquid Devs

Mar 2024 - Mar 2025

- Implemented dynamic, responsive user interfaces in React and TypeScript based on designer specifications to streamline Direct Enrollment and Enhanced Direct Enrollment workflows
- Architected and maintained a scalable, modular backend using OrleansDB and grain-based patterns to manage enrollment state and business logic
- Contributed in an Agile/Scrum environment, participating in sprint planning, backlog refinement, and peer code reviews to drive continuous deliver

Full Stack Developer - Mediaura

Oct 2022 - Nov 2023

- Managed end-to-end delivery for a diverse portfolio of client sites—corporate, small-business, and e-commerce—using React, PHP/WordPress, and Shopify to drive engagement and conversions
- Built a React Native spa-booking app with user authentication, real-time availability checks, and push notifications, streamlining the customer booking experience
- Optimized site performance and SEO by implementing code-splitting, lazy loading, and monitoring Core Web Vitals, resulting in faster load times and better search rankings

Full Stack Developer - ONYX Design

Jun 2019 - Oct 2022

- Developed custom sidecar applications and plugins for agency clients—most notably a subscription service app built with JavaScript and Firebase—while leveraging whatever languages and frameworks each project required
- Led and mentored junior developers through code reviews, pair programming, and technical workshops, improving team skills and code quality
- Partnered with clients, designers, and project managers to translate business requirements into scalable, maintainable technical solutions delivered on schedule

Web Developer - IKSPAN**Mar 2018 - Apr 2019**

- Scaled a US-based sunglasses brand into the European market by customizing Shopify Liquid themes and streamlining shipping workflows
- Managed Google and Facebook Ads campaigns—crafted creatives, optimized targeting and bids, and analyzed performance to maximize ROI
- Executed Klaviyo and Mailchimp email campaigns—built automated flows, segmented audiences, and optimized messaging to boost engagement and revenue

Web Developer - GZCOM, inc**Mar 2017 - Apr 2018**

- Developed marketing-driven websites with built-in SEO best practices and analytics tracking, leading to higher organic traffic and improved engagement
- Configured Google Analytics and Tag Manager to monitor user behavior, conversion funnels, and campaign performance for data-driven optimizations
- Managed PPC campaigns (Google Ads, Facebook Ads), optimizing budgets, targeting, and creatives to drive qualified leads and maximize ROI

EDUCATION**B.S Computer Science**

Cal State University Northridge

Web Development Immersive

General Assembly