JACOB **MCMICHAEL**

📬 jacobmcmichael@gmail.com ☎ +1 (951) 760-3366 🏠 Murrieta, CA 92563
📇 linkedin.com/in/jacobmcmichael 💻 github.com/jamcmich 🐦 twitter.com/jamcmich

Skills

Frontend	HTML5, CSS3, JavaScript, TypeScript, Vue, React, Next, Node, Vite, SASS, Tailwind, Windi, Figma
Backend	Java, Spring Boot, JPA, SQL, PostgreSQL, PGAdmin, Postman, Prisma, GraphQL, Sanity

Work History

Front End WordPress Developer — Novohit   Murrieta CA, Oct 2020 - Apr 2021

▸ Led a website redesign for an enterprise-level ERP software development company; increased page impressions by +2,000/month and implemented website translation services for thousands of monthly visitors.

▸ Designed modern accessibility features for 3,500 monthly mobile, tablet, and desktop users via responsive layouts and custom **WordPress** components developed in **HTML5**, **CSS3**, and **JavaScript**.

▸ Leveraged **Figma** to create a scalable design system for Novohit's website; handled all composition, color, illustration, and typography to align with the company's existing products.

Data Analyst Intern — Arizona State University   Tempe AZ, Aug 2019 - May 2020

▸ Developed a web application to help Arizona State University measure social network behaviors, quantify collaborative research efforts, and provide multi-million dollar revenue insights on a granular level.

▸ Partnered with departments to demonstrate methods for manipulating, processing, cleaning, and aggregating large scale datasets using **HTML5**, **CSS3**, **JavaScript**, **Python**, and **Pandas**.

▸ Established post-implementation reviews with users and faculty to evaluate the project's success, document feedback, and implement improvements regarding visual transparency and user accessibility.

Education

Full Stack Developer Boot Camp — Cook Systems   Memphis TN (Remote), 2021 - 2022

▸ Demonstrated full-stack knowledge with **JDBC** abstraction layering, **JPA** and **Hibernate** integration for mapping object-relational APIs, model-view-controller (**MVC**) design patterns, dependency injection via inversion of control (**IoC**), and various **Spring** framework design patterns.

▸ Performed RESTful backend practices in **Java** using **Spring**, **Spring Boot**, **JPA**, **PGAdmin**, **PostgreSQL**, and **Postman** to handle requests from services and controllers, perform validation, and transform data between API and database models.

Digital Culture B.A. (Computer and Information Sciences) — Arizona State University   Tempe AZ, 2016 - 2020

▸ Barrett, the Honors College (2016-2020); Dean's List (2018-2019); 3.8 GPA

▸ Studied software and system development by engaging with interactive and embodied programming, media design, signals processing, and system architecture in an interdisciplinary environment.

Certifications & Related Coursework

▸ JavaScript Algorithms and Data Structures — FreeCodeCamp

▸ Full-Stack JavaScript — The Odin Project

Projects

South Carolina Revenue and Fiscal Affairs Office Website — JavaScript, TypeScript, Vite, Vue, SASS

▸ Created a single-page application simulating the SCRFAO website. The project features reusable and scalable styles, responsive flexbox and grid elements, semantic code, and accessibility features.

TikTok Web Application — JavaScript, TypeScript, React, Next, Node, Tailwind

▸ Designed a video sharing application using **Next** (frontend) and **Sanity CMS** (backend) to establish **schemas**, **fetch data**, render **server-side content**, coordinate **file based routing**, and **authenticate users**.

Google Search Clone — JavaScript, React, Node, Tailwind

▸ Developed a static web application that uses Google's search API to render results. Demonstrated techniques such as **React Hooks**, **React Context**, **state management**, **data fetching**, **higher-order components**, and more.