





# JACOB MCMICHAEL

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## Skills

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**Frontend** HTML5, CSS3, JavaScript, TypeScript, Vue, React, Next, Node, SCSS, Tailwind, Windi, Vite

**Backend** Java, Spring Boot, JPA, SQL, PostgreSQL, PGAdmin, Postman, Prisma, GraphQL, Sanity

## Work History

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**Marketing Assistant** — Boundless Network Murrieta CA, May 2021 - Present

- Assisted the Marketing Manager with a successful website rebranding campaign through Wix.

**UI/UX and 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 desktop, mobile, and tablet 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

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

- Demonstrated full-stack knowledge with modern **Java** and **JavaScript** libraries and frameworks.
- Created a RESTful social media backend 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 (BA)** — Arizona State University Tempe AZ, 2016 - 2020

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

## Projects

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**Social Media App (WIP)** — JavaScript, TypeScript, Next, Prisma, Firebase, Figma

- Currently working on a social media app to explore trending technologies such as Prisma and Firebase while furthering my skills with relational databases, Figma design patterns, and TypeScript.

**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.