Michael Nguyen

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EDUCATION

University of California, Santa Cruz - Baskin School of Engineering   Santa Cruz, CA
B.S. in Technology & Information Management   *September 2018 - June 2022*

SKILLS

Languages: JavaScript · HTML · CSS · TypeScript · Python · C/C++ · Java

Frameworks: React JS · Express.js · Next.js · Tailwind CSS · MongoDB · Node.js · Material UI · SQL

Technologies: Git Version Control · VS Code · FIGMA · Tableau · Office Productivity Suite · Google Workspace

WORK EXPERIENCE

Google   **Mountain View, CA**
Systems Analyst [Contract]   *November 2022 – Present*

- Developed an internal Google Nest Trusted Testers website for improved information accessibility and documentation with HTML, CSS, and JavaScript
- Designed and converted mock designs and drafts into external client facing HTML emails for Trusted Testers
- Created and oversaw all project plans for tracking key milestones and tasks for Google Home App, Legacy Camera Migration, Nest Thermostat, and Pixel Tablet testing and launch programs
- Improved data management by building a new centralized Google Nest Trusted Tester User database
- Implemented Python scripts for Google Workspace task automation
- Built Google Analytics dashboards for Google Nest Senior Leadership strategic decision-making
- *Technologies: SQL, MySQL, JavaScript, Python, HTML, CSS, Smartsheet, Google Analytics, Google Workspace*

PROJECTS

MThreads (Social Media App) | Github | Live   **August 2023 - Present**

- Created a full stack responsive MERN social media app with Next.js 13.4 to support server side rendering where users can create threads, respond to others, see activity, search, view suggested users, and join communities
- Utilized MongoDB for handling complex schemas and data population for user and thread data
- Created pagination and layouts for all landing pages with Tailwind CSS and integrated Shadcn UI components
- *Technologies: Next.js 13, React JS, TypeScript, MongoDB, Tailwind CSS, Shadcn UI, Clerk*

MFilms (Movie App) | Github | Live   **June 2023 - August 2023**

- Utilized the TMDB API to fetch live real time movie and TV show data to create a fully functional and responsive movie web application
- Implemented user authentication, dark mode, movie sorting, favorites, add to watchlist user functionalities
- Leveraged Material UI designs with Tailwind CSS and React with React Router and Redux for state management
- Integrated Alan AI to improve site accessibility and support voice assistant querying, providing an immersive conversational experience for the user in MFilms
- *Technologies: HTML, CSS, JavaScript, React JS, Tailwind CSS, Material UI, Redux, Alan AI*

Your Future is Our Business Website | Live   **March 2021 - July 2021**

- Designed and converted FIGMA wireframes of all landing pages into HTML / CSS / JavaScript code for a complete overhaul of local Santa Cruz nonprofit Your Future is Our Business' (YFIOB) main website
- Coordinated with 4 team members to curate 200+ What-To-Be podcast highlight clips for YFIOB's new website
- Created accessible, responsive, and functional user interfaces for a seamless user experience on any device which improved user conversion rate by 50%
- Presented biweekly FIGMA status reports to stakeholders on division group progress
- *Technologies: HTML, CSS, JavaScript, React JS, Git Version Control, FIGMA*