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 · GraphQL

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

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

WORK EXPERIENCE

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

- Developed an internal Google Nest Trusted Testers website for improved documentation with HTML, CSS, and JavaScript that is accessible by 15,000+ Alphabet employees
- Designed and converted 25+ mock designs and drafts into client-facing HTML emails for Google Trusted Testers
- Managed all 6 project plans for Google Home app, Legacy Camera Migration, Nest Thermostat, and Pixel Tablet user feedback programs
- Improved data management by building a new centralized Trusted Tester User database for 10,000+ testers
- Implemented 8 Python scripts for Google Workspace task automation, reducing manual task time by 85%
- Designed and presented 10+ user research data visual dashboards to Nest Senior Leadership to drive informed decisions surrounding product quality and identify any risks and bugs
- ***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 to build the user interface and Redux for state management
- Integrated Alan AI to improve site accessibility and support voice assistant querying, providing an immersive conversational user 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 and WordPress Plugins into HTML / CSS / JavaScript code for a complete overhaul of 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 landing pages for About Us and Podcast sections of the new website, improving 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, WordPress*