

Michael Nguyen

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EDUCATION

University of California, Santa Cruz - Baskin School of Engineering
Bachelor of Science, Technology & Information Management

Santa Cruz, CA
June 2022

SKILLS

Languages: JavaScript, HTML, CSS, TypeScript, Python, C/C++, Java, SQL, GraphQL

Frameworks: ReactJS, Express.js, Next.js, Tailwind CSS, MongoDB, Node.js, Material UI, MySQL, Bootstrap

Technologies: AWS, Git Version Control, REST API, Figma, Tableau, NPM, Redux, Adobe XD, Office Suite, WordPress

WORK EXPERIENCE

Atapa LLC

Fremont, CA

Software Engineer

November 2023 - Present

- Developed a business intelligence tool with React.js, D3.js, and Node.js to provide stakeholders with data visualization on real-time metrics
- Integrated asynchronous data processing with Node.js and APIs to improve data accuracy by 25% and optimize data retrieval from data sources
- Implemented advanced dashboard customization features with React.js, improving user engagement by 30%
- Improved database performance by optimizing MySQL queries to boost query response time

Google

Mountain View, CA

Systems Analyst

November 2022 - November 2023

- Developed and maintained an internal web application with HTML, CSS, JavaScript, and ReactJS, streamlining workflow processes and enhancing engineering productivity
- Implemented a MySQL database to store and retrieve Google Nest user feedback data, optimizing queries for improved speed and efficiency
- Integrated third-party APIs to support Tableau dashboards for Nest Senior Leadership decision-making
- Designed responsive CSS/HTML marketing emails for Nest external product testers, implementing dynamic content to increase user engagement and feedback by 70%
- Automated Google Workspace tasks through Python scripting, reducing manual effort by 85%

Your Future is Our Business

Santa Cruz, CA

Frontend Web Developer

January 2022 - July 2022

- Delivered new end-to-end features and solutions for Your Future is Our Business' main [website](#), improving site performance and speed by 60%
- Developed the What-To-Be Podcast section and integrated landing pages with SoundCloud embedded players, driving a 50% increase in user engagement and website conversion
- Coordinated with a UI/UX Designer to convert Figma wireframes into dynamic HTML, CSS, and JavaScript code

PROJECTS

MThreads (Social Media Web Application)

[Github](#) | [Live](#)

- Created a full stack responsive MERN social media app with Next.js 13.4, supporting server-side rendering, user threads, responses, activity tracking, and community participation
- Utilized MongoDB for handling complex schemas and data population, implementing pagination and layouts with Tailwind CSS and Shadcn UI components

MFilms (Movie Web Application)

[Github](#) | [Live](#)

- Leveraged the TMDB API to fetch real-time movie data in a responsive ReactJS movie web application, featuring user authentication, dark mode, and voice assistant querying with Alan AI
- Implemented user functionalities like movie sorting, favorites, and add to watchlist, utilizing Material UI designs with Tailwind CSS, and Redux for state management