Michael Nguyen

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EDUCATION

University of California, Santa Cruz - Baskin School of Engineering   **Santa Cruz, CA**
Bachelor of Science, Technology & Information Management   *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 and deployed a scalable internal tool on AWS, resulting in a 30% improvement in operational efficiency
- Implemented performance optimizations on Amazon RDS to reduce database query response times by 25% and enhance overall tool performance
- Utilized AWS S3 for secure file storage, improving data accessibility and reducing storage costs by 15%
- Leveraged AWS Lambda for background task automation and operational cost reduction
- Planned and executed data migration strategies to transition from legacy systems to AWS infrastructure

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