Michael Dinh

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Computer science graduate with hands-on experience in software engineering, full-stack development, and IT support. Proficient in Java, Python, and C/C++, and have built scalable frontend and backend systems, APIs, and cloud-based solutions while collaborating with diverse teams.

TECHNICAL SKILLS

Languages: Java, C/C++, Python, HTML/CSS, SQL, JavaScript, Dart, Kotlin
Frameworks/Tools: React, Node.js, Rust (Rocket.rs), SurrealDB, Git
IT & Support: Windows/Linux, Active Directory, Troubleshooting, Networking, System Administration
Soft Skills: Customer service, research, problem-solving, adaptability, organization, fast learning

PROJECTS

Backend Developer | FitSocial   *March 2023*
https://github.com/Monacr/FitSocial
- Developed a collaborative fitness tracking app using Rust (Rocket.rs), SurrealDB, and React Native
- Focused on backend API development and frontend-backend synchronization for workout data features
- Collaborated in a team of five using Git for version control and Agile sprints for progress tracking

Researcher and UI Designer | Fit-Fusion   *December 2023*
https://docs.google.com/document/d/1EPQwU5icans-Xh2zdDBAKcVpKJACsDa-NKvKk141Fpw/edit?usp=sharing
- Designed an exercise partner matching app in Figma, targeting user motivation and consistency in workouts
- Led user interviews, usability testing, and iterative prototyping to refine matching logic and interface flow
- Presented design findings and user feedback analysis to guide development priorities

Web Developer | Doan THD Official Website   *February 2025*
https://mmdinh253.github.io/thd-official-website
- Built a responsive and fast-loading youth group website using ReactJS and CSS
- Improved UI/UX design for accessibility and ease of navigation across devices
- Integrated announcements, resources, and media to serve a growing community audience

EDUCATION

Bachelor of Science in Computer Science — University of Washington, Seattle, WA   *June 2024*

CERTIFICATIONS

Google IT Support Professional Certificate - Coursera, online   *July 2025*
Career Essentials in GitHub Professional Certificate - LinkedIn Learning   *February 2025*
Object-Oriented Programming - LinkedIn Learning   *February 2025*
Advanced Java Programming - LinkedIn Learning   *March 2025*

ACTIVITIES

Vietnamese Eucharistic Youth Movement | Youth Leader   *April 2022 - Present*
- Served as the division leader for the Seedling Division (ages 7-9), Companion Division (ages 13-15), and Eucharistic Knight Division (ages 16-17)
- Uphold the purposes of VEYM of educating youths in both social and spiritual life

VEYM IT Team | Team Member   *August 2024 - Present*
- Work on updating the features of the VEYM home page and membership portal pages for members to navigate