

Kim Alfred A. Molina

Computer Science Intern

+63 9277324896 | [linkedin.com/in/kim-alfred-molina-323455276/](https://www.linkedin.com/in/kim-alfred-molina-323455276/) | kimalfredmolina1224@gmail.com
github.com/kimalfredmolina | <https://kim-alfred-portfolio.vercel.app/> | Taguig, Metro Manila, Philippines

SUMMARY

A Computer Science student with hands-on experience in developing mobile and web applications. I have built multiple projects such as a CPU Scheduling calculator, a CMS platform, and a food-scanning application. Currently pursuing a Bachelor of Science in Computer Science at Taguig City University, with strong foundations in programming, problem-solving, and modern technologies. Eager to apply my skills, gain real industry experience, and contribute to meaningful projects as an intern.

EDUCATION

Bachelor of Science in Computer Science

Taguig City University

September 2022 - August 2026 (Expected)

TECHNICAL SKILLS

- **Languages:** HTML, CSS, JavaScript , PHP, Java, Python
- **Frameworks:** React.js, React Native, Tailwind CSS, Django
- **Database Management:** Firebase, MySQL
- **DevOps / Tools:** Figma, Git, Github, CI/CD, Jest

INTEREST

- Web Development
- Mobile App Development
- UI/UX Design
- Cloud Technologies
- AI & Automation

SOFT SKILLS

- Problem-Solving
- Communication
- Teamwork
- Time Management
- Adaptability
- Quick Learner
- Leadership

PROJECTS

SnapNutrient MacroNutrient Food Scanner App - Fullstack

2025

- Implemented full-stack data handling and persistence using Firebase (Realtime/Firestore + Authentication).
- Built and refined UI/UX: created screens, fixed bugs, and enhanced interactions for a polished mobile experience.
- Developed core app functions for image capture, food detection pipeline, and macronutrient estimation.
- Integrated background/cloud logic (Firebase functions) to process and store results.
- Wrote unit tests and component tests to ensure reliability and prevent regressions.
- Packaged and deployed the app using Expo.

Tech stack: React Native, Nativewind, Expo, Firebase, Jest

EMC Training Portal Website - Fullstack

2025

- Developed the full web-based for the Raspberry Pi activity monitoring system using React.js and Tailwind CSS.
- Implemented all Firebase integrations, including Authentication, Firestore/Realtime Database, and Cloud Storage.
- Built UI/UX components: registration forms, monitoring dashboards, user management pages, and real-time status views.
- Connected the website to the backend data from the fingerprint scans and video recordings, ensuring smooth and secure data flow.
- Created functions for handling user registration, data retrieval, record display, and automated logging.
- Improved interface logic, fixed UI bugs, and refined overall user experience for operators and admins.
- Maintained secure access control and proper data structuring across Firebase services.

Tech stack: React js, Tailwind CSS, Firebase