

# Kim Alfred A. Molina

## Computer Science Intern

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## SUMMARY

Computer Science student with hands-on experience in developing mobile and web applications. Built multiple full-stack projects using modern frameworks, cloud services, and databases. Strong foundation in programming, problem-solving, and API integration. Eager to apply technical skills, gain real-world industry experience, and contribute to impactful projects as a software development 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, Node.js, React Native, Tailwind CSS, Django
- Database Management:** Firebase, MySQL, MongoDB, PostgreSQL
- DevOps / Tools:** Figma, Git, Github, CI/CD, Jest, ClickUp
- Software Engineering:** Familiar with SDLC and Sprint-based development

## 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

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

- 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.
- Applied SDLC phases including requirements analysis, feature design, development, testing, and deployment throughout the project lifecycle.
- 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.

### **EMC Training Portal Website** - Fullstack

2025

#### Tech stack: React js, Tailwind CSS, Firebase

- 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 and admin 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.