Khine Zar Hein

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LinkedIn • GitHub • Portfolio

PROFILE

Computer Science student at Cal Poly Pomona (Class of 2027) with a strong foundation in Java and core software engineering principles. Hands-on experience building and deploying production-ready, full-stack web applications with secure authentication, real-time data synchronization, and responsive user interfaces. Proficient in JavaScript, Firebase, and modern development workflows, with demonstrated ability to learn quickly, work independently, and deliver scalable, user-focused software across multiple devices. Seeking software engineering and related technical internship, fellowship, or apprenticeship opportunities to continue developing as an engineer and contribute high-quality code to real-world systems

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TECHNICAL SKILLS

Languages: JavaScript, HTML, CSS, Java, Python
Frameworks & Tools: Firebase Auth, Cloud Firestore, Git & GitHub
Development Skills: Full-Stack Web Development, Front-End Development, Responsive Web Design, UI/UX Design, Project Management, Software Development, Web Application Architecture, Real-Time Data Sync, Group Chat Integration
Soft Skills: Communication, Teamwork, Problem-Solving, Adaptability

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PROJECTS

CozyChores – Full-Stack (*JavaScript, HTML, CSS, Firebase Auth, Cloud Firestore, Real-Time Chat*) | GitHub • Live Demo
- Engineered and deployed a full-stack chore management platform with secure authentication, role-based access, and cloud-backed data storage for multi-user households.
- Integrated real-time chat with sender identification via Firestore listeners, improving group coordination and reducing missed updates by ~30%.
- Implemented task filtering (Pending, Completed, Request More Time) with completion/undo controls to streamline task tracking.
- Optimized mobile-first UI for consistent, responsive performance across devices.

RhythmTasks – Full-Stack (*JavaScript, HTML, CSS, Firebase Auth*) | GitHub • Live Demo
- Designed and deployed a full-stack weekly planning tool with collapsible day sections, real-time clock, and customizable task categories for organized scheduling.
- Integrated Firebase Auth for secure login, password reset, and multi-device synchronization using Cloud Firestore.
- Built an interactive weekly summary dashboard to visualize task completion trends and improve productivity.
- Optimized mobile-first UI for consistent, responsive performance across devices.

EDUCATION

California State Polytechnic University, Pomona
Bachelor of Science in Computer Science – Expected May 2027
Transferred with Honors from Los Angeles City College (Associate Degree, 2025)

RELEVANT COURSEWORK

Completed: Data Structures & Advanced Programming • Discrete Structures • C/C++ • Systems Programming (Linux/Unix) • Computer Organization & Assembly • Statistics for CS
Planned (Spring 2026) : Design & Analysis of Algorithms • Database Systems (SQL) • Object-Oriented Design • Software Engineering