

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, data structures, algorithms, and object-oriented programming.

Experienced in building full-stack web applications using JavaScript and cloud-based services with authentication, CRUD operations, client-server architecture, and real-time data synchronization.

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, HTML, CSS

Frameworks & Tools: Firebase Authentication, Firestore (NoSQL), Git, GitHub

Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), Full-Stack Web Development, Client-Server Architecture, RESTful APIs, Authentication & Authorization, CRUD Operations, Real-Time Data Synchronization

PROJECTS

CozyChores – Full-Stack Web Application

(*JavaScript, HTML, CSS, Firebase Authentication, Cloud Firestore, Real-Time Chat*)

| [GitHub](#) • [Live Demo](#)

- Engineered and deployed a full-stack web application using client-server architecture with secure authentication, role-based access control, and cloud-backed NoSQL data storage for multi-user households.
- Implemented CRUD operations and real-time data synchronization (including group chat and task updates) using Firestore listeners to ensure immediate updates across users.
- Built task filtering (Pending, Completed, Request More Time) with completion and undo functionality alongside a mobile-first responsive UI.

RhythmTasks – Full-Stack Web Application

(*JavaScript, HTML, CSS, Firebase Authentication*) | [GitHub](#) • [Live Demo](#)

- Designed and deployed a full-stack weekly task planning web application with a modular front-end and cloud-backed backend services.
- Implemented secure user authentication, password reset, and session management using Firebase Authentication.
- Developed CRUD functionality with real-time cloud data synchronization via Firestore and built interactive UI components including collapsible day sections, a real-time clock, and a weekly summary dashboard.

CodePath – Advanced Technical Interview Prep (TIP) | Incoming Participant

Spring 2026

- Selected for a competitive advanced interview preparation program focused on data structures, algorithms, and Python-based problem-solving under time constraints.

EDUCATION

California State Polytechnic University, Pomona

Bachelor of Science in Computer Science – Expected Dec 2027

Transferred with Honors from Los Angeles City College (Associate Degree, 2025)

Relevant Coursework:

Completed: Data Structures & Advanced Programming • Discrete Structures • Systems Programming (Linux/Unix) • Computer Organization & Assembly • Statistics for CS

In Progress: Design & Analysis of Algorithms • Database Systems (SQL) • Object-Oriented Design & Programming (OOP) • Software Engineering