

CHANGHEE (CHELCI) LEE

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SUMMARY

Software Engineer with 3+ years of full-stack expertise in building scalable, high-quality platforms using React, Node.js, and REST APIs. Proven ability to enhance customer experiences by reducing data latency and driving efficiency through clean, testable code. Demonstrated success in cross-functional collaborations and agile development, with a strong focus on iterative design and robust system integrations.

TECHNICAL SKILLS AND CERTIFICATIONS

- **Technical Skills:** Python, Java, React, React Native, HTML, CSS, Swift, Flask, Git, C, C#, JIRA, Confluence
- **Certifications:** AWS Certified Cloud Practitioner

EXPERIENCE

AI Melody

Sep 2023 - Present

Software Engineer & Product Designer

Remote

- Developed and deployed a full-stack web platform for AI Melody, serving 1K+ monthly active users by leveraging React for front-end interfaces and Node.js with Express for backend REST APIs.
- Engineered and optimized RESTful APIs for audio streaming and file uploads, reducing data access latency by 40% while adhering to modern web standards and scalable practices.
- Facilitated collaborative system design sessions with a cross-functional team of 3 engineers and designers, contributing to the evolving architecture and incorporating clean, testable code practices.

Chel

Dec 2024 - May 2025

Founder & Product Designer

Remote

- Established the product vision and led the UI/UX design for an AI-driven platform that transforms personal wardrobes into dynamic fashion investment portfolios, emphasizing real-time value tracking and resale analytics.
- Implemented item categorization and resale prediction through an AI model pipeline using Python FastAPI, ensuring seamless integration of data processing with customer-facing flows.
- Conducted comprehensive usability testing and iterative prototyping to validate onboarding, item cataloging, and smart resale recommendation processes, aligning design with agile development principles.

Apollo Global Management

Aug 2023 - Mar 2025

Project Manager

El Segundo, CA

- Led the EDM Decommission Pricing Project, streamlining the automation of daily and monthly price uploads into OMS and PAM by replacing legacy file-based processes with modern API integrations, improving data accuracy and reducing processing time
- Designed and built the Trade Ticket Tool, leading the development of stored procedures, scripts, and RDL reports on the SSRS server, significantly enhancing efficiency and accuracy in trade data analysis across multiple asset classes
- Managed the end-to-end thinkFolio Release process, overseeing release planning and coordination and UAT

Wipro

Aug 2022 - Aug 2023

Software Engineer

Seattle, WA

- Designed and built the front-end of the Collections page for the Fruit of the Loom website using Python Flask by collaborating with marketing and product teams to align the page's layout and functionality with branding and customer engagement goals
- Implemented a python script to efficiently import and format inventory details data from Teradata into Power BI for visualization purposes

UniPantry

Jan 2021 - Jun 2021

Software Engineering Intern

Ithaca, NY

- Designed and implemented the user experience for the UniPantry iOS application, creating intuitive and user-friendly interfaces such as account creation, profile management, and the explore page using React Native
- Integrated front-end components with the back-end infrastructure, leveraging Google Firebase for real-time authentication and data storage while implementing Python-based server-side logic to efficiently manage user information and dynamically retrieve recipes
- Optimized onboarding and retention strategies, analyzing user behavior within the app to refine account creation and profile setup flows, reducing drop-off rates and improving engagement

EDUCATION

Cornell University Ithaca, NY

May 2022

Bachelor of Arts, Computer Science

- **Achievements:** Dean's List (2018)