

LIN HTET SHEIN

SOFTWARE DEVELOPER

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SUMMARY

Junior software developer skilled in full-stack development, system programming, and UI/UX design. Experienced in leading projects and collaborating in team-based environments.

EDUCATION

Coventry University

Coventry, UK

Bachelor of Science with Honours in Computing Science, First Class

March 2024

Relevant Coursework: Full Stack Development, Algorithm & Data Structure, UI/UX, Database

42 Singapore

Singapore

42 Core Curriculum

Present

Relevant Coursework: Full Stack Development, Algorithm & Data Structure, System

Programming, Shell Scripting

CERTIFICATION & ACHIEVEMENTS

Stanford University & DeepLearning.AI

Online

Machine Learning Specialization

November 2023

Relevant Coursework: Supervised and unsupervised learning algorithms.

SKILLS

- **Programming Languages:** C, C++, Python, JavaScript, HTML, CSS
- **Frameworks & Libraries:** React, Next.js, Node.js, TailwindCSS
- **Databases & Cloud:** MySQL, MongoDB, Firebase, Supabase
- **Tools & Platforms:** Git, GitHub, Docker, Linux
- **Other:** UI/UX Design, System Design (Application Architecture)

PROJECTS

Knoverse

A web application that stores the company related files and the user can ask the Ai about the teams and projects related questions.

- Frontend: **NextJs**
- Backend: **Supabase** (Auth, DB), **Drizzle ORM** (SQL query builder), **Pinecone** (vector db)
- Ai: **Ollama** (llama3)

TeleBird

iOS Mobile messaging app with language translation feature.

- Frontend: **React Native**
- Backend: **NodeJs**, **Firebase** (Auth, DB, Storage, Google language translation)

WebServ

A fully C++-implemented HTTP server that mimics Nginx's core behavior, handling requests, routing, and content delivery with efficient low-level processing.

Mini Shell (Bash Clone)

Bash-like shell written in pure C with enhancements, including proper handling of SIGPIPE, unlike the default Bash.

Mini RT (Ray Tracing Engine)

Mini ray-tracing engine implemented in C using the MiniLibX library.

ACTIVITIES

42 SG Piscine Volunteer

February 2025 - April 2025

- Assisted staff in running Piscine @42SG programs
- Invigilated Piscine exams to ensure smooth conduct
- Guided participants by sharing insights and personal experience

HackSingapore — AngelHack

May 2024

- Delivered the solution for the retirement planning and analysis for the better retirement life

Singapore Computer Society, Singapore — Technical Volunteer

April 2024 - June 2024

- Assisted in delivering computer basics training sessions
- Guided elderly participants in understanding fundamental computer skills