

# THANT HTET AUNG

## SOFTWARE DEVELOPER

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### SUMMARY

Junior software developer skilled in full-stack development, system programming, and UI/UX, with experience leading projects, freelancing, and winning hackathons.

### EDUCATION

#### Coventry University

Bachelor of Science with Honours in Computing Science, First Class

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

Coventry, UK

March 2024

#### 42 Singapore

42 Core Curriculum

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

Programming, Shell Scripting

Singapore

Present

### CERTIFICATION & ACHIEVEMENTS

#### Harvard University

CS50

Relevant Coursework: Ten Problem Sets and Final Project (Paletgen)

Online

December 2024

#### Hacking Spatial Computing Apple Vision Pro hackathon at NUS

3rd Place Winner

Developed an award-winning application using RealityKit, SwiftUI, and Spatial computing.

NUS

August 2025

### WORK EXPERIENCE

#### SCS@PSBA, Singapore — Technical Lead

December 2023 - December 2024

- Managed website, domain, and hosting operations.
- Led workshops on web technologies for students.
- Curated focused learning groups to explore new technologies and foster networking.

#### Freelance Web Developer

March 2024 - Present

- Designed and delivered 2+ responsive websites from concept to production, improving client online presence and user engagement
- Set up and managed 2+ professional email and domain hosting services, ensuring reliable client communication and brand consistency
- Engaged with clients to understand requirements and deliver solutions that matched their business needs

### SKILLS

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

## PROJECTS

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### AnalytixNexa

Open-source data analysis web app that empowers small businesses to harness the power of data—for free.

- Frontend: React with MUI
- Backend: Python Flask, Firebase (Auth, DB, Storage)

### PaletteGen

AI-powered color palette generator that takes the guesswork out of design.

- Frontend: NextJS with Deno
- Backend: Python Flask with Google Gemini

### 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

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### 42 SG Piscine Volunteer

February 2024 - April 2024

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

### Singapore Computer Society, Singapore — Technical Volunteer

January 2024 - April 2024

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