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A versatile engineer with a diverse technical background, including Web3 and DevOps. Known for adaptability and a passion for continuous learning, I thrive in problem-solving and collaborative environments. Actively engaged in tech events and speaking engagements to drive innovation and share valuable insights.

Education

Bachelor of Software Engineering (Hons)

Lancaster University | Sunway University

Sept 23' – Aug 25'

CGPA: 3.56

Capstone: AI-powered Note-Taking App

Django · NLP · Machine Learning

- Automatically generates fine-tuned notes from lecture videos and text-based inputs.
- Utilized NLP and reinforcement learning for content summarization and note improvement.

Diploma in Information Technology

Sunway College

Aug 21' – Aug 23'

CGPA: 3.98

Capstone: Gamified Habit Tracker

PHP · JavaScript · MySQL

- Implemented game-like features to increase long-term retention and user engagement.
- Integrated a Tamagotchi-inspired virtual pet system to motivate users in building habits.

Experience

CoinGecko

Product Manager (Internship)

Jan – Present

- Bridge the gap between business stakeholders and engineering teams.
- Focus on optimizing CoinGecko API and developer tools.

42 – Coding School

Cadet

Feb 24' – Present

C · Shell Scripting · Linux

- Practical experience in low-level programming and system architecture through project-based learning.
- Collaborated in a peer-to-peer environment, building projects without standard libraries.

Pisciner

Jan 24'

Completed a month-long coding boot camp focused on C programming.

Fusionex Group – Software House

Back-end Developer (Internship)

Jun – Aug 23'

PHP · Laravel Lumen · Azure DevOps

- Developed RESTful APIs to enhance communication between web and mobile platforms.
- Delivered feature-specific modules to improve client reservation systems.
- Optimized SQL views, enhancing the overall product performance.

Huawei

Sales Executive

May 21' – Present

- Achieved 120% of the annual sales target, generating MYR 300k in revenue for 2022.
- Strengthened brand partnerships, enhanced company reputation and market presence.

Sunway Tech Club (STC)

Advisor

Mar 24' – Present

Mentored the executive board and committees by providing strategic guidance and support.

Head of Marketing Department

Apr 23 – Mar 24'

- Led a team of over 10 to strategize and execute marketing initiatives.
- Secured event collaborations, enhancing the club's visibility and engagement.

Honors & Awards

ETHGlobal Bangkok 2024

Nov 24'

Global Ethereum Hackathon

- Built a DAO-like education platform enabling community governance through pool-staking.
- Awarded Pool Prize by **World for Decademy**, promoting learner-driven education.

ETHGlobal Singapore 2024

Sept 24'

Global Ethereum Hackathon

- Secured the following prizes:
 - **Best Consumer Application @ Sign Protocol**
 - **Pool Prize @ Worldcoin**
- Developed **DecenTRUST** to utilize on-chain skill verification through merit-based assessments.

Sunway's iLabs – Make It Challenge 2024

Jun 24'

Web3 x Net-Zero – Solana Hackathon

- Awarded **First Runner-Up** and **Best Prototype**
- Built **Voltio** for fractionalized clean energy investments via NFTs.
- Enabled users to earn sustainable returns via tokenized solar projects.

Jeffrey Cheah Foundation Scholarship

Aug 21', Sept 23'

Issued by Jeffrey Cheah Foundation (JCF)

- Awarded full scholarships for:
 - **Bachelor of Software Engineering (Hons) @ Lancaster University | Sunway University**
 - **Diploma in Information Technology @ Sunway College**
- Recognized for academic excellence and leadership qualities in both instances.

Volunteer Work

Ethereum Kuala Lumpur 2024 (ETHKL)

Crew · Hackathon

Malaysia's Largest Ethereum Community

- Managed event logistics and supported participants during the hackathon.
- Assisted in organizing workshops and networking sessions.

42 x Fugee School – Pygame

Tech Lead · Workshop

Game Development with 42

- Conducted a Python workshop for refugee students, teaching basic game development.
- Guided students in creating their own games using Pygame.

Project ElderCare

Lead · Veteran Support

Community Service

- Led a team of volunteers in organizing activities for elderlies.
- Raised funds through charity events to support the veterans' welfare.

From Solo to Team Project

Speaker · Workshop

DevOps with STC

- Presented DevOps basics and best practices to 130+ participants.
- Focused on Git version control and CI/CD pipelines.

Google DevFest KL 2022

Emcee · Event

Malaysia's Google Developer Network

- Hosted 500+ attendees, introducing speakers and managing event flow.
- Facilitated networking sessions to enhance participant engagement.

Decademy

Community-driven education platform

- Empowers learners to shape education trends through **pool-staking** governance.
- Built on **Scroll Network** using ZK-rollups for scalability.
- Utilized **The Graph** for indexing on-chain data for real-time educational trends.

Ethereum · Education
Next · Solidity · Hardhat · Bun

DecenTRUST

Bringing recruitment to the blockchain

- Focused on creating an anti-discriminatory recruitment process using merit-based assessments.
- Built on **Linea** network with **Dynamic** for seamless user authentication.
- Leveraging **Worldcoin** for human verification and **Sign Protocol** to attest assessment results.

Ethereum · Recruitment
Next · Solidity · Foundry

Voltio

Fractionalized clean energy investments

- Enables fractionalized investments in solar energy projects through **tokenized assets**.
- Offering returns in native tokens as ROI for investors.

Solana · NFT
Anchor · Rust · React

Ruma

Event hosting with NFT

- Host events directly on-chain.
- Enable attendees to mint NFTs as memories.
- Streamline authentication with NFT-based badges.

Solana · NFT
Next · Anchor · Rust

Shukan

Minimalist habit tracker

- Achieved recognition with **more than 60 stars** on GitHub for its simplicity and usability.
- Enables users to track and maintain habit streaks, with progress visualized.
- Built using **Coroutines** for asynchronous tasks and follows **MVVM** architecture.

Android · Mobile
Kotlin · Jetpack Compose · Room

Piksel Bros.

Pixelated 2D adventure

- Created a 2D platformer with level editor and custom sprites.
- Developed a **custom physics engine** to facilitate dynamic character movement.

Platformer · Game
Pygame · Python · Makefile

Renew

Marketplace for circular economy

- A sustainable marketplace for recycling items, and showcasing upcycled products.
- Built an **MVC framework** from scratch to improve reusability.
- Incorporated a router and view manager, enabling dynamic content rendering.

Custom Framework
PHP · JavaScript · MySQL

42-libft

Custom C library

- Developed a custom C library from scratch for 42's curriculum.
- Implemented Makefile for compilation and unit testing of functions.

Data Structures · Algorithms
C · Makefile