


# PHILSON NAH

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## About Me

 <https://www.linkedin.com/in/philsonnah>

As someone who has always been fascinated by technology and loves learning new things, I constantly research about the latest developments in the space, and often find myself delving into interesting topics across many areas. Having graduated with a Master of Science (MSc) in Information Systems from NTU, I possess knowledge and understanding of IT projects both from a technical as well as a strategic and management perspective. Throughout my career, I have had the opportunity of working with project teams and managing the implementation and delivery of apps and services across different industries. Known by my peers as “the crypto guy”, I started my blockchain journey back in 2018, quickly transitioning from an investor to a user and a builder. A tinkerer at heart, I enjoy figuring out how things work and love putting the pieces together to build novel ideas. In my free time, I like to stay updated with the markets, build cryptocurrency bots, engage in photography, and challenge myself to lift weights at the gym. Always looking to grow, I am searching for exciting opportunities to work with talented teams to broaden my horizons.

## Skills and Knowledge

- **Blockchain Applications** – Solidity, Hardhat, Next.js, Solana, Ethers.js, DeFi/GameFi
- **Web Applications** – HTML5/CSS3/JavaScript, jQuery, TypeScript, Ajax/JSON, React
- **Hybrid Applications** – Apache Cordova, Electron, Ionic Framework, Node.js, Angular
- **Trading & Investing** – Technical Indicators, TradingView, Pine Script, QuantConnect
- **IT Projects** – PMBOK, IT Strategy, SDLC, Agile Methodology and SCRUM Framework
- **Requirements Analysis** – UML, Use-Case Diagrams, Activity Diagrams, ER Diagrams
- **User Experience Design** – Nielsen’s Heuristics, HTA, Gamification Theory, Adobe XD



## Experience

### Web3 Solutions Architect – IWS Fintech / KryptoPips Project (KTP)

- Headed the development of web3, blockchain, and cryptocurrency projects
- Managed market maker activities and development of automated solutions
- Championed innovation initiatives in areas like metaverse and gamification
- Pioneered and conceptualized a phygital NFT ecommerce market solution
- Guided UI/UX designers on creating mobile app wireframes and prototypes
- Managed data aggregation reports of cryptocurrency investment portfolios
- Constructed IT system architecture and provided solutions for stakeholders

### Dec 2022 – Feb 2024

*Spearheaded innovation and development work to help bring web3 projects into fruition, driving value for the company, clients, and customers*

### Blockchain and GameFi Consultant – Freelance

- Provide consultancy services to advise clients on Web3 and Blockchain apps
- Conduct research and financial modelling of various DeFi/GameFi applications
- Propose technical and security solutions for Smart Contracts and Web3 apps
- Subject Matter Advisor (SMA) for the NUS/2U Blockchain Applications course

### Feb 2022 – Present

*Provided Alpha to clients to help them get started and gain an edge in the NFT gaming arena*

### Business Analyst – Sky Premium International Pte Ltd (25Hours)

- Engaged users and departments to elicit and capture business requirements
- Prepared wireframes, requirements, and technical specification documentation
- Implemented projects in concert with design and offshore development teams
- Formulated test plans and conducted user training and UAT with stakeholders
- Performed competitive analysis and produced reports on member/sales data

### Jul 2020 – Feb 2021

*Delivered mobile push notifications, augmenting timely engagement, sales and customer outreach*

### EIT Engineer – Defence Science and Technology Agency (DSTA)

- Worked closely with users as mgmt. committee secretariat for LEARNet project
- Actively pushed for the adoption of responsive design and hybrid mobile apps
- Liaised with IT vendors to ensure smooth implementation of apps and features
- Engaged in proactive research of IT trends and pedagogies to push innovation
- Managed a contract staff team for IT infrastructure rollout and maintenance

### Aug 2014 – Sep 2016

*Instated rules and guides for developing modern e-learning apps, preventing reworks and added costs*

## Education

Mar 2021 – Dec 2021



### NUS SGUS International Financial Technology Program

- Professional Certificate – Senior Fintech Developer (Levels 1, 2 & 3)
- Areas of study: Design Thinking, Algo-Trading, Analytics, Blockchain
- Best Project Award

Aug 2017 – Aug 2018



### Nanyang Technological University (NTU)

- Master of Science (MSc) in Information Systems
- Areas of study: IT Strategy, Project Management, HCI
- Certificate of Excellence, GPA: 4.6/5.0

Aug 2010 – Aug 2014



### National University of Singapore (NUS)

- Bachelor of Computing (Hons), Major in Information Systems
- Specialization: Service Science, Management and Engineering (SSME)
- Dean's List Award

## Awards and Accreditations

- SCRUM ALLIANCE® Certified ScrumMaster®
- Microsoft Certified: Power BI Data Analyst Associate
- Certificate of Excellence (Academic Year 2017-18, Semester 2)
- Japanese-Language Proficiency Test (JLPT) N4, N3
- National Service (NS) Excellence Award 2017, 2018, 2019
- DSTA Innovation Award (Individual) 2014
- School of Computing Term Project Showcase (STePS) 2014 – 1<sup>st</sup> Place
- Dean's List Award (Academic Year 2011-12, Semester 2)



## Past Projects

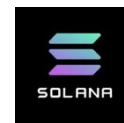
<https://github.com/AzureKn1ght>



- Freelance job platform powered by Blockchain
- Polygon Network smart contracts for escrows
- Implemented CI/CD workflow on GitHub



- Node.js app to re-stake yield tokens every 24h
- Auto swaps tokens with correct ratio for LP farm
- Runs on Google Cloud and PM2 for robustness



- Online portal to get and store GIF URLs on-chain
- Solana program in Rust to store accounts details
- Allows for the tipping of user for GIF submission



- NFT launch website that allows minting of tokens
- Whitelist functionality for presale minting period
- Allows for public mint when presale ends



- KryptoPips multi-broker Web3 rewards platform
- Planned, and drafted the project [whitepaper](#)
- Led in the deployment, testing, and rollout



- Initial Coin Offering (ICO) website to mint the tokens
- Allows for NFT holders to claim free airdrop tokens
- Let's public users pay to mint at the ICO price



- Decentralized exchange that takes 1% trade fee
- Allows the user to add liquidity for LP tokens
- Allows the user to swap freely between 2 tokens



- Led a team of 7 to build a [travel plan web app](#)
- SOA architecture using RESTful Web APIs
- Integrated Facebook login and Google Maps



- Hybrid app built using Ionic and Angular
- Leveraged Cordova API for native functionality
- Previously published to [Google Play Store](#)

## Academic Research



Wee Kim Wee School of Communication and Information

AC-01 Design of an e-learning prototype

### CI6299 CRITICAL INQUIRY IN INFORMATION SYSTEMS

- Reviewed existing literature in the areas of e-learning and case-based learning
- Identified a knowledge gap in the application of e-learning to case-based learning
- Constructed a framework to address this knowledge gap and guide research
- Implemented an e-learning prototype to manifest and insatiate research framework
- Evaluated prototype using before-and-after, within-participant experimental design

### CI6229 MANAGEMENT OF INFORMATION SYSTEMS OUTSOURCING

- Analyzed the benefits of Cloud Computing in relation to IT Outsourcing Strategy
- Created a framework for understanding Strategic Adoption of Cloud Computing
- Examined EasyJet's IT Outsourcing journey to identify merits of their approach
- Outlined practical benefits and approaches for firms adopting Cloud Computing



IT Outsourcing Strategy:  
A study on the strategic adoption of cloud computing