

Vishnu Sundaresan

+1 (646) 239-6524 | vishnu04@u.nus.edu | vishnu-sundaresan.vercel.app

EDUCATION

National University of Singapore (NUS)	2020 – Present
<ul style="list-style-type: none">Expected Graduation: Dec 2024 with Bachelor of Computing in Computer Science (Honors)Applicable for special H1B1 work visa in the U.S. which requires no lottery	
Global Indian International School Singapore	2006 – 2018
<ul style="list-style-type: none">Recipient of Dr. APJ Abdul Kalam Award for Academic Excellence (2016, 2018)	

WORK EXPERIENCE

Stealth Start-Up	Jan 2023 – Present
<i>Software Engineer</i>	
<ul style="list-style-type: none">3rd hire in a seed-stage start-up that aims to build the future of professional networkingEngineered several prototypes and features to create MVP and initial productLeveraged Next.js, Postgres, React amongst other frameworks for various features	
Hypotenuse AI	May 2022 – Nov 2022
<i>Full-Stack Software Engineer</i>	
<ul style="list-style-type: none">Part of a fast-growing startup that has more than 1,000+ clients globallyDesigned and developed for the Hypotenuse Web App, overseeing a gradual overall increase in monthly active users from 3,000 to 30,000 usersBuilt on a stack of React, TypeScript, FastAPI, Python, AWS S3 and DynamoDB	
School of Computing, NUS	Jan 2022 – May 2022; May 2023 – Aug 2023
<i>Teaching Assistant for CS2030S: Programming Methodology II & CP2106: Independent Software Development Program</i>	
<ul style="list-style-type: none">Taught two classes – one about Programming Paradigms like Object Oriented Programming and Functional Programming in Java, and one on building an software project from scratchAchieved overall rating of 4.4/5	
Panasonic R&D Center Singapore	Dec 2020 – Jan 2021
<i>AI Technology Development Intern</i>	
<ul style="list-style-type: none">Built tools to handle data collection of 2K (images, videos) for Computer Vision projectsAssisted in improving model prediction accuracies by about 3% using the OpenCV framework	

PROJECTS

Hobbi Academy (hobbiacademy.tech)	
<ul style="list-style-type: none">Live collaborative learning platform to empower users to pick up any hobby easilyBuilt using TypeScript, React, Next.js; Winner of HackTCNJ's Best Web Design Project	
ArcAid (arcaid.study)	
<ul style="list-style-type: none">ArcAid simplifies and secures the financial aid application process, allowing students to bulk-apply for aid without revealing their personal financial informationPowered using the Aleo blockchain's zero-knowledge proof programs to store information on the blockchain without revealing any user's detailsWinner of Best Aleo, Wolfram and Educational Project at PennAppsXXIV, U.S's oldest hackathon, top 1.5%	
BI0ckify (bi0ckify.tech)	
<ul style="list-style-type: none">BI0ckify is revolutionizing rare item trading by banking valuable, providing non-fungible tokens (NFTs) as online valueUses Ethereum, Next.js, React and SQL to create a simple trading place which people can trust and trade freely onWinner of Best Ethereum Project at Hack the North, Canada's Biggest Hackathon, top 1%	
SafeRx (saferx.app)	
<ul style="list-style-type: none">SafeRx solves the \$3.5 billion problem of prescription fraud by turning medical prescriptions to NFTsLeverages the indivisible ERC-721 tokens to represent a prescription containing several ERC-20 tokens for each pillPowered by Next.js and React to form a lightweight web application optimized for mobile screensFinalist at the MIT Bitcoin Hackathon, finishing in the top 5%	