

Regina Yuk Na Chow

REGINACHOW@PM.ME | 0402 520 620 | <https://rchow.dev/> | MELBOURNE, VIC

<https://www.linkedin.com/in/reginachow625> | <https://github.com/iggyiccy> | <https://www.hackerrank.com/reginachow625>

SUMMARY

Over 4 years experience as a full stack software engineer in the blockchain industry with strong collaboration, communication skills, and great attention to detail. Joined Culture Vault since 2021 after graduating from the Monash University FinTech Bootcamp and helped with all-in-one no code web3 studio SaaS platform development. Worked with clients such as Facebook, Cotton On, Bonds and local artists on NFT projects. Advanced my skills in Solidity smart contract development, full-stack web development utilising web3 tools and maintaining AWS cloud infrastructure by being a core developer at Culture Vault. Had worked as a teaching assistant assisting with teaching the University of Sydney full stack bootcamp.

EXPERIENCE

Culture Vault Pty Ltd, SOFTWARE ENGINEER

Oct 2021 - Present

Remote, Melbourne & Sydney

- Built the SaaS all in one no code digital art platform enable users to create own marketplace and mint pages
- Developed, tested, and audited Solidity smart contracts using Truffle, OpenZeppelin Defender, and Forta
- Deployed and integrated third-party microservices such as Stripe, Wert, OxPass, Thirdweb, and InfiniteObjects
- Built customised web3-enabled or token-gated websites according to client requirements
- Enhanced the web3 integration of the Culture Vault website and admin portal by making frontend changes
- Implemented new functionalities for the Golang backend API and composed APIs for deployment using Docker
- Maintained and configured AWS cloud infrastructure, including EC2, Amplify, App Runner, CDN CloudFront, etc
- Conducted end-to-end testing and unit testing of websites/APIs using Cypress, Jest, Go unit tests, and Postman
- Deployed AWS Lambda serverless functions for dynamic NFTs and serverless blockchain interactions
- Collaborated with the product team to translate requirements into technical solutions
- Wrote and maintained comprehensive technical documentation for multiple projects

One Tick Pool Safety Inspection, WEB DEVELOPER

Feb 2024 - May 2024

Remote, Melbourne

- Developed and maintain the website hosting using Next.js framework, Calendly and Whatsapp Form

EdX, UNIVERSITY OF SYDNEY FULL STACK BOOTCAMP TEACHING ASSISTANT

May 2023 - Nov 2023

Remote, Melbourne & Sydney

- Explain complex web development topics to students with technical and non-technical background
- Teach topics include browser-based technologies, server side deployment, quality assurance and database
- Assist instructor with class time management and answering students questions
- Lead students during in-class code activities and projects and grade group projects and assignments

Royal Australian College of General Practitioners, ACCOUNTS ASSISTANT

Jul 2017 - Apr 2021

Melbourne, Victoria

- Processed payments under senior accountant's supervision weekly using Technology One
- Assisted with accounts payable and procurement related enquiries and support month-end year-end reporting

TECHNICAL SKILLS

Web Development: JavaScript | TypeScript | Go | React | Next.js | Tailwind CSS | Express.js | Less CSS | Jest | Cypress | GSAP | Three.js

Blockchain: Solidity | Web3.js | Ethers.js | Truffle | Hardhat | Ganache | Geth | Consensus Quorum | Hyperledger Besu | The Graph | NFT | Airdrop | IPFS | Arweave | Dynamic NFTs | Token Gated Integration | Thirdweb | Wagmi | Viem

Backend: Go | Node.js | Express.js | API Development | AWS Lambda | SageMaker | S3 | EC2 | Route 53 | CloudFront CDN | API Gateway | Amplify | App Runner | Docker

Data Analysis: Python | Pandas | NumPy | SQL | Plotly Dash | Streamlit | Monte Carlo Simulations

Machine Learning: SciPy | PyTorch | TensorFlow | Natural Language Processing | Deep Learning | Keras

VOLUNTARY EXPERIENCE

Mission Resource Centre, SOFTWARE ENGINEER

Mar 2023 - Present

Melbourne, Victoria

- Manage website hosting and domain name management
- Developed, maintain and update website using Next.js framework and Twilio SendGrid

GovHack Australia 2024, VICTORIA TEAM MEMBER

Apr 2024 - Nov 2024

Melbourne, Victoria

- Prepare for promoting the event to general public and host information session

- Oversaw the connection event, a 3-day hackathon, and the prestigious award ceremony
- GovHack Australia 2023, VICTORIA EVENT LEAD** May 2023 - Nov 2023
Melbourne, Victoria
- Spearheaded pre-event preparations and orchestrated essential logistical arrangements
 - Exercised adept leadership by managing a dedicated team of volunteers
 - Ensure the flawless coordination and execution of all event components

EDUCATION

- Monash University FinTech Bootcamp Certificate** May 2021 - Nov 2021
- “A” academic average achieved to date
 - Data analysis, machine learning, and blockchain focus
- Monash University - Clayton Campus** July 2017
 Bachelor of Commerce (Accounting and Finance)
- Credit academic average achieved

PROJECTS

- Consensys Blockchain Developer Bootcamp - Decentralised Game Trading Platform**
- Building a decentralised game trading platform where users can freely trade second-hand games through the trustless smart contract without needing to rely on any middleman.
 - Link to the showcase: <https://optimistic-jang-9b2dae.netlify.app/>
- Monash University FinTech Bootcamp - Currency Converter Dashboard | Deep Learning Trading Application | Shitcoin Playground**
- Built a cryptocurrencies converter to convert crypto into different local currencies using real-time data
 - Display financial ratios in plots, historical trends, and price in local currency in a map using the Mapbox API
 - Designed a Plotly Dash dashboard with tabs using Python, HTML formatting, callbacks, and CSS
 - Built a Streamlit mobile application to display trading signals, e.g. whale alert, Ichimoku, LSTM, RSI
 - Implemented LSTM deep learning algorithm to predict stock and cryptocurrencies prices
 - Built a web application with Next.js and Hardhat allow users can easily create their own ERC20 token
 - Github links: Currency Converter Dashboard, Deep Learning Trading Application, Shitcoin Playground

HACKATHONS

- LUKSO BuildUP #2 Hackathon 2023** Aug 2022
- A hackathon around the Lukso ecosystem embracing the Lukso standards proposals (LSPs). Worked on a mint page where users can create ISP8 token smart contract and intractability with the Culture Vault marketplace. Winner of the Blue Sky category challenge and rewarded EUR\$5000 prize.
 - Link to the showcase: <https://app.buidlbox.io/projects/build-nft>
- Australia GovHack 2022 Hackathon** Aug 2022
- A 3-day long hackathon to create concepts, mashups and models with open government data. Worked on the topic of “Protecting South Australian growers from Fruit Fly”, developed a web application to enhances the PIRSA pest inspection app by adding a grower account function with authentication, a mapping feature connecting grower accounts to relevant pest inspection traps, and a notification function for alerts on detected pests in their area.
 - Link to the showcase: <https://2022.hackerspace.govhack.org/projects/flydar>
- ETHGlobal Road To Web3 Hackathon** Feb 2021
- Participated in the 3-day long hackathon to build a customisable self-minting NFT Dapp where users can customise their own comic-blocks-like NFT and self mint it onto the Polygon blockchain. Rewarded 296 USDC prize from Polygon.
 - Link to the showcase: <https://showcase.ethglobal.com/roadtoweb3/web3-comic-blocks-nft>
- For additional hackathon experiences and award winnings, please visit my personal site at rchow.dev**

REFEREES

Danial Khosravi
 Staff AI Engineer
 Relevance AI
 132 Kippax St, Surry Hills NSW 2010
danielkhosravi96@gmail.com
 Tel: (04) 2686 4202

Sam Linas
 CTO & Director
 Culture Vault Pty Ltd
 Level 13, 68 York Street, Sydney, NSW 2000
sam@culturevault.com
 Tel: (04) 5180 9042