

# Choo

## Gian Jie (GJ)

Software Engineer | Singaporean | [gjchoo@icloud.com](mailto:gjchoo@icloud.com)

Portfolio : <https://www.gjchoo.com>

### PERSONAL SUMMARY

I love to create web & mobile applications with immersive user experience using the latest technologies. Over the years, I have gained diverse experience through developing applications using different tech stacks. Learnt to be open-minded, willing to pick up new skills and knowledge sharing with others, currently on the lookout to apply the acquired gamut of skills in a challenging role.

### BRIEF TECHNICAL SUMMARY

React or NextJS, Redux (Thunk), react-router to build frontend web applications, React Native to create cross platform mobile applications that can be deployed in both iOS and Android. React Testing Library with Jest for Unit Testing in React and React Native. Detox library can be applied for e2e testing in React Native. For backend, NodeJS is used to implement server along with a few databases like MySQL & NoSQL (Mongo, Cassandra, Firebase) as well as Redis to implement caching between UI and Server. Currently using Git for version control and team collaboration.

### Experience

Feb 2022	Software Engineer	IBM
Full Time	<i>At IBM, work is more than a job – it's a calling: To build. To design. To code. To consult. To think along with clients and sell. To make markets. To invent. To collaborate. Not just to do something better, but to attempt things you've never thought possible. To lead in this new era of technology and solve some of the world's most challenging problems.</i>	
Description	Collaborate with stakeholders in the team to bring concept to life for our clients. Developing, maintaining user interface and optimising user experience in web and mobile applications. Implement design system thinking to streamline the development and automating testing for usability and increase scalability.	

Mar 20 – Jan 22 Full Time	Software Engineer	eyos
	<i>eyos wants to be the world's most connected retail cloud platform by integration its three business verticals – Retail, Syntify and Connect. The captured retail data can be used to identify shoppers, automate in-store marketing and as well as generating insights &amp; predictions through machine learning.</i>	
Description	Spearhead the mobile development for one of the company's vertical using React Native. Implemented e2e testing to ensure UX across all devices on top of unit testing. Collaborated with different stakeholders to promptly deliver the features in the product roadmap. Initiated effort to demonstrate Progressive Web App scales better over native development and currently leading Proof of Concept PWA app.	
July 19 – Mar 20	Software Engineer	OC Digital
	<i>OC Digital believes in helping companies to become greater through the power of digital marketing. The results-oriented digital marketing solutions have helped boost many brands' image and equity. Founded in 2010, the agency is one of the leading and fastest-growing integrated digital marketing agencies in the region.</i>	
Description	Worked with a team of designer and software engineers to implement design and features in client's CRM. Created doc for frontend developers to consume REST API in the cloud CRM's server. Periodically conducted knowledge sharing session with peers on software engineering and methodical programming – ReactJS framework and NodeJS	
Feb 19 – Aug 19	Software Engineer	Bubbies Co
	<i>Bubbies Co is a dating app Startup, focused on making each couple story meaningful. It simplifies the process of meeting like-minded through love languages, intention and interests. Promoting online to offline interaction by suggesting places of interests based on the similarities between the users in their conversation windows.</i>	
Description	Involved in designing and development of website using NextJS, mobile application using tech stacks. Integration of RESTs API with cloud server, deployed Redis in server as caching mechanism to store information. Implemented SocketIO in NodeJS to create real time chat features.	
Aug 18 – Feb 19	Software Engineer	HappyHourSG
	<i>HappyHourSG was a lifestyle web and mobile app Startup focused on bringing forward the HappyHour deals and promotions to customers. It allowed customers to pre-purchase HappyHour deals anywhere anytime before the end of HappyHour promotion timing.</i>	
Description	Involved in designing and development of website using NextJS, mobile application using tech stacks. Integration of RESTs API with cloud server, deployed Redis in server as caching mechanism to store information. Implemented SocketIO in NodeJS to create real time chat features.	

Nov 17 – Aug 18	Software Engineer <i>Spae was a machine learning app that emphasised on making forecast decisions based on the trading history of a security. The machine learning model analysed the trading transactions to highlight certain points to signal to buy or sell.</i>	Spae
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Description	Worked along with creative director in implementing UI UX for the mobile application. Data mining securities' trading history, cleaning and preparation for modelling the AI. Trained the model using Keras with Tensorflow backend and successfully integrated in cloud server (Flask) and connect to mobile application for real time prediction.
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Jan 17 – Aug 17	Software Engineer (Intern) <i>Wielyworld was an edu-startup focused on creating digital space for young children to explore, educate and learn from what the world has to offer.</i>	Wielyworld
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Description	Participated in product cycle from conceptualising, mockup and developing of the prototype. Worked with stakeholders, different departments and other key members for development and product improvements.
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## Milestones

2013 – 2017	Bachelor in Biological Sciences (Honours)	Nanyang technological University
2011 – 2012	National Service Office Cadet School	SAFTI Military Institute
2008 – 2011	Diploma in Biomedical Sciences (Merit)	Republic Polytechnic