**Thuvarakan Selvasothy**

Address: 23 Chris Street, Redbank, QLD-4301

Mobile: 0416683460

Email: thuvamathu618@gmail.com

LinkedIn: [www.linkedin.com/in/thuvarakan-selvasothy](http://www.linkedin.com/in/thuvarakan-selvasothy)

**Profile**

A Full Stack Developer, with hands-on experience in front-end and back-end technologies. I have worked with different frameworks and libraries such as React, React-native, Flutter, Node.js, GCP and AWS to build dynamic and responsive web and mobile applications. With a Master's in Information Technology, majoring in Software Development and an internship from ALM Cloud, I have gained valuable experience working collaboratively with cross-functional teams. My passion lies in creating intuitive and efficient user experiences, and I am committed to delivering high-quality code that meets project requirements and exceeds client expectations.

**Education**

**ACS Professional Year Program in Computer Science (PY Program**) Sept 2022- Ongoing

Navitas Professional, Brisbane

* Australian Workplace Culture
* Professional Development
* Networking Skills
* Innovation Skills
* Workplace Relationships

**Master of Information Technology – Software Development** Jan 2020- Dec 2022

Queensland University of Technology, Brisbane

Major- Software Development

* Web and Mobile App Development
* UI/UX Design
* Databases
* IT Industry Project
* Cloud Computing

**Bachelor of Computer Science** Aug 2012- Dec 2017

Jamal Mohamed College, Tamil Nadu, India

* Web Design
* Database Management System
* Software Engineering
* .Net

**Employment History**

**Freelance, Brisbane, QLD** July 2022-November 2022

Full stack Software Developer

* Conduct requirement analysis in collaboration with clients and create project timelines to ensure efficient project planning and delivery.
* Design and implement new features and functionality for web and mobile applications.
* Write high-quality, maintainable, and efficient code using technologies such as Typescript, Node.js, React, Next.js, Tailwind, Material UI, Git, GitHub, and AWS.
* Collaborate with cross-functional teams to identify, troubleshoot, and resolve software defects.
* Participate in code reviews to ensure code quality and adherence to best practices.
* Deploy applications to AWS and establish CI/CD pipelines for seamless deployment.

**AML Cloud, Melbourne, Victoria** July 2022-November 2022

UI/UX Developer

* Utilized Flutter, RiverPod, Firestore, TypeScript, and Node.js to build an application.
* Developed a real-time transaction data generator for the AML Cloud application, aiding in anti-money laundering detection.
* Demonstrated proficiency in bug identification and resolution.
* Implemented a CI/CD model using GitHub for version control, automated testing, and continuous deployment.
* Collaborated effectively with cross-functional teams to seamlessly integrate code changes and ensure successful deployments.
* Proactively monitored and resolved issues pertaining to the CI/CD pipeline, including failed builds and deployment errors.

**C-Res, Brisbane, QLD** March 2021 - June 2021

Full Stack Developer

* Developed a robust employee management system (EMS) while working on real-time projects as part of a unit.
* Utilized React.JS for the front-end and Node.js for the back-end of the EMS.
* Designed the system to help C-Res’s handle employee recruitment, onboarding, performance tracking, payroll, and leave management processes.
* Gained hands-on experience in working with real-time projects, developing scalable solutions, and problem-solving.
* Contributed to the team's success by effectively communicating with team members and stakeholders, implementing best practices, and delivering quality code.

**Degree Related Projects**

**A Website with Admin Portal** Feb 2023 – April 2023

JNJ Flooring, Brisbane

As a full stack web developer, I develop a website that, serves as a platform for JNJ Flooring to effectively present its flooring services, featuring a comprehensive gallery and up-to-date information on their latest successfully executed projects.

**Full Stack Developer**

* Developed a user-friendly website featuring an admin page to empower clients in updating content.
* Leveraged cutting-edge technologies including Next.js, Tailwind, TypeScript, S3, DynamoDB, AWSSES, Route53, and Amplify to create a serverless environment.
* Implemented effective SEO techniques to enhance website traffic and visibility.
* Website: [www.jnjflooring.com.au](http://www.jnjflooring.com.au).
* Admin portal: [www.admin.jnjflooring.com.au](http://www.admin.jnjflooring.com.au).

**WallDesk – Wallpaper downloader** Dec 2023 – Feb 2023

Own Project

The website serves as a platform for everyone to download free wallpapers forever.

**Full Stack Developer**

* Developed a user-friendly and responsive web application utilizing the PEXEL API.
* Leveraged advanced technologies such as React.js, Tailwind, EC2, and Redis.
* Project URL: [www.walldesk.thuvarakan.info](http://www.walldesk.thuvarakan.info).

**WallDesk – Wallpaper downloader** Mar 2021 – Jun 2021

C-Res, Brisbane

Developed a robust employee management system (EMS) for C-Res to handle the current employee recruitment process, employee onboarding, performance tracking, payroll, and leave management processes.

**Full Stack Developer**

* Designed EMS to handle employee recruitment, onboarding, performance tracking, payroll, and leave management processes.
* Utilized ReactJS for front-end development.
* Utilized NodeJS and MySQL for back-end development.

**Key Skills**

* Exceptional written and verbal communication skills, with the ability to build strong relationships of trust
* Practical experience achieved through managing multiple major projects within my degree
* Result driven mindset, with a passion for problem solving
* Maintain understanding of new technology trends and capabilities.
* Experienced in Front-End technology such as React, Flutter, Tailwind, Material UI and Next
* Experienced in Back-End technology such as Node, .Net, GCP and AWS.
* Experienced in the use of the version control of Git, and GitHub.

**Memberships**

* Australian Computer Society (ACS) membership Member ID: 00000000

**Hobbies and Interest**

* Robotics
* Built RC
* Coding

**Languages**

* English
* Tamil(native)

**Referees**

Referees are available upon request