

# Thuvarakan Selvasothy

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## 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.

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## 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.

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**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.

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## **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.

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## **Memberships**

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

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## Hobbies and Interest

- Robotics
- Built RC
- Coding

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## Languages

- English
- Tamil(native)

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## Referees

Referees are available upon request