

Thuvarakan Selvasothy

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Profile

Full Stack Developer with expertise in front-end and back-end technologies. Extensive experience working with frameworks and libraries such as React, React Native, Flutter, Node.js, as well as cloud platforms like GCP and AWS. Primary focus is creating user-friendly and efficient experiences and delivering top-notch quality code that fulfils project requirements and surpasses client expectations.

Education

ACS Professional Year Program in Computer Science (PY Program) Navitas Professional, Brisbane	Sept 2022 - Present
Master of Information Technology – Software Development Queensland University of Technology, Brisbane Major- Software Development	Jan 2020 - Dec 2022
Bachelor of Computer Science Jamil Mohamed College, Tamil Nadu, India	Aug 2012 - Dec 2017

Employment History

Stoik Digital, Brisbane, QLD Frontend Software Developer (full time)	June 2023 - Present
<ul style="list-style-type: none">• Collaboration with UI/UX designer and Backend developer's 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, Docker 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 UI/UX Developer (Internship)	July 2022 - November 2022
<ul style="list-style-type: none">• 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 (GitHub - <https://github.com/ThuvaMathu>)

Website - Business Showcase

Feb 2023 - April 2023

JNJ Flooring, Brisbane

As a full stack web developer, developed 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.
- Admin portal: 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 and stock photos 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.

EMS – Employee Management System

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

- 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.
- 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.

Memberships

- Australian Computer Society (ACS) membership Member ID:4368179

Referees

Referees available upon request.