

# Achanya Suresh Puthiyottil

Full Stack Developer

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Post Study Work Visa Valid Until 2028

## SUMMARY

A passionate and creative full-stack software developer with a Master's in Information Technology (First-Class Honours) from the University of Waikato. Experienced in developing scalable, user-centric web applications using **React.JS, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind, and Firebase** on the frontend, and proficient in **Node.js, .Net, Express, MongoDB, and PostgreSQL** on the backend. Skilled in building and integrating **RESTful APIs**, managing **cloud deployments**, and working in **agile, collaborative teams**. Holds an open work visa (valid until March 2028), based in New Zealand, and available to join immediately.

## SKILLS

**Programming Languages** JavaScript, Python, TypeScript, C#, HTML, CSS  
**Frontend Development** React.js, Next.js, Redux, Tailwind, Bootstrap, Material UI V3, V4, V5, React Native, Expo  
**Backend Development** Node.js, Express, .NET, GraphQL  
**Database Management** PostgreSQL, MongoDB, Firebase, Supabase, DynamoDB  
**Development Tools** Git, GitHub, Bitbucket, JIRA, Postman, Webpack, Babel, Vite  
**Cloud & DevOps** AWS( EC2, IAM, S3, Cloud Watch), vercel, Heroku, render  
**Testing** Jest, Enzyme

## WORK EXPERIENCE

### Freelance Full-Stack Developer - Realmedge High Performance Computing Ltd

May '25 — Present

Project - Salt Mango Tree Restaurant (Auckland & Hamilton, New Zealand)

- Architected and developed a restaurant POS web app using Next.js, Firebase, and Stripe.
- Built role-based dashboards (admin, kitchen, counter), real-time order tracking, and analytics.
- Integrated Firebase Auth, Firestore DB, Cloud Functions, and responsive UI components.
- Implemented secure Stripe payment integration for order processing and billing.

Project - Fabuloso Event Makers - Hamilton New Zealand

- Developing a fully responsive event management web application for clients and admin.
- Integrated email and SMS notifications to instantly alert the internal team of new enquiries.
- Built a secure admin dashboard to manage submissions, track enquiry status, and create/edit events.
- Enabled public event registration via shareable URLs, allowing users to join events directly.
- Focused on clean UI/UX, seamless interactions, and scalable backend with Firebase services.
- Users can view upcoming and past events, and submit detailed enquiries via the website.
- Focused on modular design, clean UI, and real-time updates.
- The project is live. Visit <https://www.fabuloso.co.nz/>

### Mobile Application Developer Intern

Nov '24 — Feb '25

Whakatohea Māori Trust Board - New Zealand

- Developed a Māori language learning board game using React Native and Supabase Contributed to system architecture discussions and integration of backend services.
- Followed SDLC principles, contributed to sprint planning, and participated in code reviews.
- Implemented DevOps practices for streamlined deployments using Expo and Supabase.
- Converted business needs into wireframes and full designs before development.

### Software engineer

Jan '22 — May '24

SayOne Technologies

- Developed and maintained responsive, accessible front-end forms and components using **HTML, CSS (Bootstrap), and JavaScript**
- Designed clean, user-friendly interfaces that work well across all devices and browsers.
- Developed dynamic dashboards and booking platforms using MERN stack.
- Designed user interfaces with semantic HTML and modular, maintainable CSS for consistent cross-browser compatibility.
- Wrote unit and integration tests using Jest and Enzyme to ensure application reliability

### Developer Analyst

Oct '19 — Jan '22

UL Technology Solutions Pvt Ltd

- Worked across multiple SDLC phases to design, code, test, and deploy robust front-end and back-end applications.
- Developed a visitor management solution using Python (Django) and PostgreSQL, with database administration handled through pgAdmin.
- Created a bus management platform using Django and PostgreSQL.
- Practiced agile methodologies and CI/CD workflows, contributing to fast paced, user-focused development cycles.
- Designed and built backend services using Python (Django) and PostgreSQL.

- Applied modern tooling (e.g. Webpack, Babel, ESLint) and followed best practices in performance optimization and accessibility.

**CERTIFICATION**

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**Asp.Net Core 9 (.NET 9)**  
**Complete React Developer in 2023 (w/ Redux, Hooks, GraphQL)**  
**React Testing with Jest and Enzyme**

**EDUCATION**

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**Master in Information Technology (First Class Honours),** The University Of Waikato Jul '24 — Feb '25  
Hamilton, New Zealand

**AWARDS**

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**Vice Chancellor's International Excellence Scholar**  
**Research & Enterprise Study Award**

**ACADEMIC PROJECT**

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**Online Food Delivery Application**

- Developed full-stack functionality enabling users to browse restaurants, place orders, and complete payments.
- Implemented secure and seamless online payment processing using Stripe integration.
- Built the frontend using React and Redux for state management, with responsive design in HTML and CSS.
- Created RESTful APIs in Node.js and Express to manage restaurants, orders, and payment sessions.
- Deployed the full application on Render, ensuring fast and reliable access across devices.

**SOFT SKILLS**

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- Excellent written and verbal communication
- Quick learner with a strong interest in new technologies
- Organised and methodical in problem-solving
- Comfortable working independently or in a collaborative team setting