

# Vimukthi Jayabahu

Full-stack developer & tech lead with 12+ years building scalable web and mobile products across startups and established teams

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## Relevant Experience

### Full Stack Developer · The Network Aug 2023 — Present

- Lead development of Utogi, a real estate SaaS managing a 168K-line TypeScript codebase with 37 domain modules using DDD and CQRS architecture
- Built Pengion Pilot, an AI-powered social media scheduling SaaS from first commit to production with 1,200+ commits, supporting 6+ platforms
- Architected Turborepo and Nx monorepos separating frontend, API, workers, and shared packages for two major products
- Implemented multi-AI content generation pipeline using OpenAI and Gemini with BullMQ + Redis for reliable scheduled publishing
- Managed cloud infrastructure on AWS ECS with Terraform IaC, Docker containers, and GitHub Actions CI/CD

### Full Stack Developer · Unicorn Hatch Feb 2023 — Aug 2023

- Continued Utogi development at NZ-based startup incubator, helping early-stage ventures ship MVPs
- Worked with NestJS, React, PostgreSQL, PostGIS, and GraphQL within an Nx monorepo architecture

### Full Stack Developer · Virtual Capital Apr 2019 — Feb 2023

- Led full-stack development across 4+ product lines including Health Hunter (meal delivery), Easy Tradies (marketplace), Tambook (EdTech), and Utogi v1-v2
- Built and shipped a React Native mobile app for Utogi's real estate agents with PostGIS-powered map layers
- Designed and implemented GraphQL APIs, Amazon EventBridge schedulers, and OpenAI integrations for smart CRM features
- Evolved the team's stack from AngularJS/MongoDB to a modern TypeScript-first world of NestJS, Next.js, and PostgreSQL

### Full Stack Developer · CMS (Pvt) Ltd. Mar 2016 — Mar 2019

- Built Adlogix, a digital advertising management platform with React frontend and React Native mobile app
- Developed internal SEO/SEM tracking dashboard and interactive financial calculator tools for clients
- Delivered client websites with WordPress and drove SEO optimisation initiatives

### Software Engineer · Lankanonline · eTeamsys 2013 — 2016

- Built an MLM commission platform with complex recursive downline structures using PHP and MySQL
- Delivered 25+ client WordPress sites with full SEO optimisation across multiple agencies

## Skills

### Languages

TypeScript, JavaScript (ES2015+), HTML, CSS, PHP, GraphQL, SQL

### Libraries & Frameworks

React, Next.js, NestJS, Node.js, React Native, Tailwind CSS, Prisma, BullMQ, Express

### Databases

PostgreSQL, PostGIS, MongoDB, Redis, DocumentDB, MySQL

### Tools & Platforms

AWS (ECS, Lambda, EventBridge), Docker, Terraform, GitHub Actions, Nx, Turborepo, Git, Vercel, Stripe, Zapier

### AI

OpenAI, Google Gemini

## Selected Projects

### Utogi

Real estate SaaS for franchise, enterprise, and small agencies — CRM, GIS mapping, marketing, and door-knocking. 168K lines of TypeScript.

### Pengion Pilot

AI-powered social media scheduling SaaS. Multi-AI content generation, 6+ platform publishing, whitelabel capability. 1,200+ commits.

## Education

### Kingston University

Postgraduate Certificate in Software Engineering, Computer Science

## Interests

Clean architecture, open-source, DDD & CQRS patterns, AI-powered developer tools, real estate tech