

# James Day

Brisbane, QLD

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Portfolio: james-day.dev/

Github: github.com/beamzi/

## Professional Summary

Full-stack software engineer with 4+ years shipping production work, currently focused on AI infrastructure; specifically the systems layer that makes AI applications stateful, context-aware, and production-ready. Comfortable across the full stack, from React frontends to backend architecture and API design. You can see my work at james-day.dev

## Skills

Frontend: React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS and Framer Motion

Backend / Data: Node.js, PostgreSQL, Prisma ORM

Tools & DevOps: Git, GitHub, Vercel

Focus: AI-integrated full-stack systems, API design, state management, real-time systems

## Projects

### Orcha - AI Context Orchestration System

[github.com/Beamzi/orcha](https://github.com/Beamzi/orcha)

A local-first AI system built to solve the core limitations of stateless LLMs. Runs local language models with structured context injection, persistent state, and real-time web search integration - designed around the idea that the infrastructure around the model matters as much as the model itself.

- Persistent conversation state across sessions
- Context orchestration across client-server boundaries
- Streaming inference pipeline with optimistic UI updates
- State reconciliation after completion
- Retrieval-augmented responses via live web search

Built with Next.js, TypeScript, React, Prisma, and Ollama API

## Manaboard - SaaS Workflow Platform

A full-stack task and workflow management platform built to explore relational data modelling, real-time UI state synchronisation, and multi-view application architecture at production scale.

- relational data modelling
- real-time UI state synchronisation
- multi-view application architecture

Built with Next.js, TypeScript, React, Prisma, PostgreSQL

## Professional Experience

### Daymedia - Web Developer

2021 - Present

Delivered 30+ client websites across multiple industries, owning full lifecycle delivery from concept to deployment.

- Built responsive frontend systems focused on performance and usability
- Led end-to-end delivery including UX, development, deployment, and client communication
- Developed agency website with advanced animations and Lottie integration
- Achieved 90+ PageSpeed scores across key projects
- Improved inbound client acquisition through performance and UX optimisation

## Education

2013- 2016

### Queensland University of Technology, Brisbane

Bachelor of Music (with double Minor In Sound Engineering)