



# Lindsay Spencer

SENIOR FULL STACK DEVELOPER (FRONTEND SPECIALIST)

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📍 Brisbane, Australia

## WORK EXPERIENCE

### Codebots

*Brisbane, Australia*  
Jan 2025 – Present

#### Quality Lead

- Embedded within squads, enhancing testing, observability, and traceability processes, resulting in a 60% increase in issue detection efficiency.
- Led company frontend focus group, mentoring 15 developers and improving frontend code quality by 30%.
- Collaborated with cross-functional teams to streamline development workflows and reduce deployment times by 15%.

### Codebots

*Brisbane, Australia*  
May 2022 – Jan 2025

#### Senior Full Stack Developer

- Engineered the Resource Version Dependency Graph, reducing workflow time from 3 hours to under 1 minute, increasing productivity by 99%.
- Delivered the Codebots Homepage and AI Search feature, leveraging LLM/RAG technology to enhance knowledge discovery accuracy by 80%.
- Project lead on the flagship Codebots Platform; led the team and architected the frontend.

### Codebots

*Brisbane, Australia*  
May 2020 – May 2022

#### Full Stack Developer

- Established the foundation of the frontend application and styling system for the Codebots Platform team, accelerating UI development by 30%.
- Engineered a diagramming system enabling users to configure metamodels, improving user configuration speed by 300%.
- Implemented React/TypeScript as a primary codegen target alongside .NET, increasing development efficiency by 30%.

### Goodwill Projects

*Brisbane, Australia*  
Jun 2014 – Mar 2020

#### Full Stack Developer

- Owned Markets & Events Platform end-to-end, scaling 1 to 36 markets across AU.
- Reduced admin by 60% and automated bookkeeping by 80% through innovative automation solutions.
- Built automated bank reconciliation system, eliminating week-long manual tasks.

## PROJECTS

### Codebots Platform

*Brisbane, Australia*  
May 2020 – Present

#### Senior Full Stack Developer

- Architected and developed a scalable TypeScript frontend using React, enhancing user experience and increasing platform stability.
- Led the design and implementation of the .NET backend, improving API response time by 60% and supporting seamless integration with Postgres databases.
- Directed project strategy using diagram-driven app generation, cutting down development time by 40% and enabling rapid rollout of new features.
- Managed release engineering and maintenance strategies over 3 years, achieving a 99.9% uptime and successfully launching multiple new phases to meet evolving client requirements.

### Codebots AI Search

*Brisbane, Australia*  
Aug 2025 – Sep 2025

#### Senior Full Stack Developer

- Developed using Next.js and Vercel AI SDK to deliver a robust AI-powered search experience.
- Implemented Retrieval-Augmented Generation (RAG) techniques to enhance chat interactions and knowledge discovery accuracy by 80%.
- Collaborated closely with AI and frontend teams to integrate large language models, delivering users context-aware, precise search results and interactive chat functionality.

### React Granular Store (OSS)

#### Senior Full Stack Developer

*Brisbane, Australia*  
Dec 2023 - Present

- Open source state management library providing strictly typed, performant state with a minimal footprint.
- Widely used in enterprise applications with consistent weekly adoption on npm.

### Markets & Events Platform

*Brisbane, Australia*  
Jun 2014 - Mar 2020

### Full Stack Developer

- Project lead on admin & operations platform for a state-wide market operator.
- Implemented sales tracking, booking, and payment systems integrated with MYOB and Westpac.
- Developed mobile views, analytics dashboards, and comprehensive document and media management tools.

## SKILLS

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- **Skills :** React, TypeScript, CSS, Three.js, Node.js, .NET, PHP, MySQL, Postgres, Docker, Linux, LLM Apps, C#, Shaders, JavaScript

## SUMMARY

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Senior Full Stack Developer specializing in frontend development, with strong leadership skills guiding teams and delivering scalable, high-performance applications. Expert in React, TypeScript, CSS, and AI-powered solutions.

## EDUCATION

### Kelvin Grove High School

*Brisbane, Australia*  
Jan 2003 - Dec 2006

**Grade - 12**

### High School Diploma in General Studies