

Silouan Wright

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Summary

Self-taught Lead Frontend Engineer with 20 years of experience and former Engineering Manager. Deep expertise in React, TypeScript, modern build tools, and AI-assisted development. Proven track record architecting scalable systems, leading technical migrations, and mentoring developers from bootcamps to senior levels. Passionate about developer experience, code efficiency, and leveraging AI tooling to transform development workflows.

Experience

Engineering Manager — Frontend Platform, CB Insights – Remote Jun 2021 – Mar 2023

- Lead frontend architect for CB Insights business analytics platform
- Recruited and managed a team of 3 direct reports, responsible for frontend infrastructure and enablement
- Senior code contributor - completed 360 tickets in 2022, in addition to code reviewing and QA
- Chief architect and contributor of FDS design system - components, tokens, functional CSS, documentation, used 1,000+ times in the app
- Closely collaborated with designers to establish patterns and migrated icon system to Figma with new generation process
- Responsible for migrating thousands of lines of code with minimal to no breakage
- Led efforts to update and introduce frontend infrastructure and technologies (TypeScript, Nx monorepo, Tailwind, testing-library)
- Deep mastery at writing documentation, facilitating meetings, and streamlining existing documentation
- Led education efforts through presentations and talks on wide variety of topics
- Awarded Sam Waisbren Peer Award in 2020 for embodying 5 H's: hard work, high standards, helpfulness, hunger, and humility

Lead Software Engineer — UI Platform, CB Insights – Manhattan, NY Jun 2019 – Jun 2021

- Lead frontend architect for CB Insights platform serving global market intelligence
- Senior code contributor with high output and code review participation
- Architected and built core design system (FDS) from ground up
- Established patterns with design team and modernized icon system
- Led large-scale code migrations with minimal disruption
- Introduced modern frontend stack and best practices across teams
- Mentored developers from junior to senior levels
- Drove documentation standards and knowledge sharing initiatives

Senior Software Engineer - Easybib, Chegg – Manhattan, NY Oct 2017 – Apr 2019

- Ushered in new tech stack, establishing company-wide standards (TypeScript, Styled Components) across multiple states and internationally
- Responsible for hiring process for frontend developers and senior UX designers, plus training junior and mid-level developers
- Influenced better collaboration and visibility by evangelizing systematic communication (Jira/Confluence)
- Helped establish importance of responsive web design and mobile-first approach within engineering and UX teams
- Built prototypes (serverless with GraphQL, React Native) without prior experience to establish next-generation tech stack
- Achieved deadlines while maintaining UX integrity and striving for maintainable code
- Conducted healthy discussion in pull requests with highest code review participation on frontend
- Established reusable components and libraries for wider teams
- Served on the Accessibility Champions board

Senior Frontend Developer - Checkout, Broadway.com – Manhattan, NY Aug 2013 – Oct 2017

- Lead developer of Checkout application - responsible for architecture decisions, tooling, and 90% of front-end code in production
- Introduced modern React stack: Redux, Webpack, Babel (ES6/7), react-router, CSS-modules, Atomic CSS
- Trained junior to mid-level developers on the stack at checkout.broadway.com
- Previously led and created front-end vision for discount ticket site
- Responsible for PSD translation, responsive architecture, marketplace and lottery features at broadwaybox.com
- Focused on performance and maintainability including spriting, image compression, refactoring, cross-browser support
- Introduced OOCSS and key refactors, optimizing developer time for new features at broadway.com
- Trained all new and existing hires
- Helped shape and influence design based on UI/UX experience and close relationship with designers

Frontend Developer, Broadway.com – Manhattan, NY Aug 2011 – Aug 2013

- Developed frontend solutions for theatrical business platform
- Worked on customer portal focusing on performance and maintainability
- Implemented image optimization, cross-browser compatibility, and code refactoring
- Introduced OOCSS methodologies to improve development efficiency
- Collaborated closely with design team to ensure UI/UX quality

Lead Software Engineer - Frontend Platform, Stitch Fix – Remote May 2023 – Present

- Architected scalable frontend solutions as #1 contributor (78 commits, 120 PRs) across 24 repositories, improving system performance by 40%
- Reduced technical debt by 35% through strategic refactoring - removed 42,893 lines while adding 36,472 lines (1.17x efficiency ratio)

- Led organization-wide Bugsnag to Datadog migration, creating comprehensive migration guide used by all teams
- Reduced Storybook startup time by 87.5% (2min → 15s), benefiting all frontend developers daily
- Spearheaded React 18 and Node.js v22 migrations ensuring concurrent rendering capabilities
- Implemented Renovate automation saving 5 hours/week of manual dependency management across teams
- Active member of Frontend Steering Committee and 5 expert groups including AI Coding Agents Evaluation
- Pioneered AI-enhanced development workflows, evaluating and implementing tools (Cursor, Windsurf, Claude Code) reducing code review time by 40%
- Delivered 2 high-impact presentations on React 18 migration and modern testing practices
- Authored critical technical documentation including definitive ESM vs CJS migration guide
- Launched user-facing accessibility page and integrated automated a11y testing across repositories
- Go-to expert for complex technical issues including CI/CD debugging and dependency resolution

Education

Self-Taught, Self-Taught Software Engineer in Frontend Development & Computer Science –

- 20 years of continuous learning and professional development
- Mentors developers from bootcamps and traditional CS backgrounds
- Active contributor to technical knowledge sharing and education

Skills

Development: React 18, TypeScript, Node.js, Vite, Webpack, Turborepo, Jest, Testing Library, Storybook, Tailwind CSS, JSCodeshift, Design Systems, Nx Monorepo

Managerial: Team Leadership, Communication, Feedback & Coaching, 1:1s, Retrospectives, Kanban/Agile, Interviewing & Screening, Lead Development

Research Strategy: Code Quality, Tech Stack Strategy, Architecture & Philosophy, Mentorship (Junior to Senior), Technical Education & Presentations, Documentation, UX/Design Principles

Ai Tools: AI Coding Assistants (Cursor, Claude Code, Windsurf), Prompt Engineering, AI-Assisted Development Workflows, LLM Integration, Terminal-First Development, AI Tool Evaluation & Implementation