ANTHONY COLE

Senior Software Engineer

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SUMMARY

Frontend Leaning Senior/Lead Software Engineer with proven track record of leading and spearheading digital initiatives as part of broader transformation strategies across both enterprise and startups.

Inaugural fellow in the Startmate Founders Fellowship program

Technical experience includes:
- React using Typescript. Next.js and Gatsby - SSR/SSG and DSG, State Management with Redux
- Using Monorepo tools like Turbo and Nx; dependency management with npm, yarn, and pnpm
- Creation of Design Systems - using Storybook
- Building Restful and GraphQL microservices with Node, Typescript, Apollo Server, Express, Encore, Nest, and Prisma on Vercel, AWS, and GCP
- GraphQL - Federation, schema stitching, performance optimisation
- Observability - Sumo, New Relic, and DataDog; familiarity with otel concepts
- CI/CD build pipelines with GitLab and GitHub Actions
- Databases - PostgresSQL, MySQL, DynamoDB; Data Warehouses - BigQuery
- Testing - Strong TDD with Jest, Playwright, Cypress, snapshot tests
- React using Typescript. Next.js and Gatsby - SSR/SSG and DSG, State Management with Redux.
- Modern CSS using variables, grid and flexbox
- Angular and AngularJS - as well as migrating legacy codebases.
- External Vendor Management

SKILLS

React   Next   Contentful   Agile

Akamai   Angular   Angular.js   AWS

Google Cloud Platform

Amazon Web Services   CSS   Gatsby

Git   Github   Google Cloud   GCP

GraphQL   Linux   Microservices

Nest.js   Netlify   Next.js   Node.js

Nx   Styled Components   Storybook

Redux   Design Systems   Microservices

Apollo

RECENT EXPERIENCE

Senior Software Engineer

Aunty Grace

📅 05/2025 - Present   📍 Melbourne, Australia

- Working Design and Development of features for internal-facing employee portal and strategic setup of new client portal
- Participation in Agile Ceremonies and working with cross-functional stakeholders
- Creation and championing of consistent frontend development standards, design system, and observability
- Strategic Recommendations on Development Workflow, CI/CD Pipelines and frontend hosting
- Tech Stack: NextJS, Material UI, Python, SQLAlchemy, Flask, Celery, DataDog

Senior Software Engineer - Frontend (Contract via Davidson)

ANZ

📅 08/2024 - 03/2025   📍 Melbourne, Australia

- Working within an Agile squad as part of Accounts and Transactions for ANZ's digital transformation, developed responsive, digital web features with React and Next.JS
- Collaborated with cross-functional teams (UX/UI designers, backend developers, product owners).
- Worked with in-house "first principals" design system and built bespoke components
- Followed Agile best practices: sprint planning, huddles, sprint reviews, and retrospectives.
- Focused on writing clean, maintainable code and delivering high-quality UI work, including test coverage. Contributed to continuous improvement in team performance and code quality.

RECENT EXPERIENCE

Engineering Lead (Contract)
Vinomofo

📅 01/2024   📍 Melbourne, Australia
- Fixed Term Contract - Working with CTO and development team and making recommendations on technical direction of the platform
- Migration of downstream middleware solution from 3rd party vendor to internally built microservice resulting in savings of A$65,000 per annum
- Migration from Node 16/Gatsby 3/React 16 to Node 20/Gatsby 5/React 18
- Tech stack used: GraphQL, Gatsby, TypeScript, Node/AWS, Contentful, Netlify

Engineering Lead
Aesop

📅 08/2022 - 01/2024   📍 Melbourne, Australia
- Lead digital transformation for squad - transitioning bespoke "My Account" application from legacy monolith application to being powered by Next.js
- Day to day included: feature development, paired programming, ensuring adherence of coding standards and code coverage.
- Participated in broader discussions and planning of vendor choice, microfrontend architecture, and Next.js implementation across all of aesop.com
- Provided documentation, deployment plans, as well as architecture and technical guidance
- Tech stack used: GraphQL, Next, TypeScript, Nx, Contentful, AWS (Amplify/S3), Akamai

Tech Lead
Service Victoria

📅 10/2021 - 06/2022   📍 Melbourne, Australia
- Hired as a Senior Frontend Developer on the Secure Work Project for Service Victoria via secondment from DXC Technology; transitioned to permanent after 4 months.
- Worked within the Alpha Squad on Business IDAM project, helped deliver frontend functionality for Business Account Management.
- Technology used: React, Redux, Styled Components, NodeJS, AWS

Senior Full Stack Developer
Ally Assist / Fora

📅 08/2019 - 10/2021   📍 Melbourne, Australia
- Rebuilding a critical user onboarding process
- Introduced a marketing automation platform
- Overhauled customer support system to allow for better phone/email support,
- Retrofitted a geographically-based matching system
- Building a new metrics dashboard
- Set up development pipelines
- Technology used: Angular, React, NestJs, Firebase, Postgres/PostGIS, Express, Google Cloud Platform (App Engine), CircleCI, Typescript

EXPERIENCE

Freelance Frontend Engineer

📅 11/2011 - Present   📍 Melbourne, Australia
- Deliver a UI Overhaul for a critical part of a digital rostering product (OpenSimSim), using ngRx and Angular 7
- Ship an ionic mobile application for a major B2C marketplace
- Introduce Scrum and Agile processes into a business
- Design a set of solution architecture for critical product features
- Managed teams ranging in size from 2-8 people

EXPERIENCE

Senior Developer

TypeHuman

📅 12/2020 - 10/2021 📍 Melbourne, Australia

- My primary focus was working on the Traverse project for the Australian Red Cross using Node.js and React - we used uPort for Authentication and credentials are issued in Ethereum
- The Traverse project was a digital credential marketplace that provides a bridge to civil, social, and economic participation, backed by an alliance between The Australian Red Cross, Oxfam, RedR, and involves the Telstra Foundation

Senior Frontend Engineer

Pathify

📅 02/2018 - 04/2019 📍 Melbourne, Australia

- Working in a small, cross-discipline team between UX, Product, and business to build and maintain features from a style-guide
- Participating in code reviews and collaboration alongside other developers as well as engaging in planning meetings
- Leading the transition of the business to be design-focused; manage backlog; assist and lead feature ideation, sprint planning, and retrospectives
- Technology Used: Angular.js, SASS, Gulp/Webpack, NPM, Docker, Websockets. Python Backend

Full-Stack Developer

Lexer

📅 08/2016 - 06/2017 📍 Melbourne, Australia

- Responsible for building new frontend features in a data-driven environment
- Using data-driven results to determine business cases for ongoing product releases and features
- Major feature built: Content Reports. Tech Stack used: Bootstrap, Backbone.js, PubSub, D3, Grunt.js, Rails 3, Grape, Postgres, Active Record, Docker

Senior Frontend Developer

ROLLER

📅 07/2015 - 08/2016 📍 Melbourne, Australia

- Led UX and Product decisions, enhancing user experience, daily front-end contributions in an agile team
- Transformed existing frontend methodology from Bootstrap-specific functionality to BEM. Pioneered Design System
- Making browser support decisions in a metrics-driven and user-thoughtful way
- Tech: Angular.js, Bower, Gulp, SASS, BEM

Web Developer

Mushroom Group

📅 08/2013 - 09/2014 📍 Australia

Senior Developer

Bastion Digital

📅 11/2011 - 05/2012 📍 Melbourne, Australia