Contact

0415583331 (Mobile)
cole.morton@hotmail.com

www.linkedin.com/in/cole-
morton-72300745 (LinkedIn)
www.colemorton.com/ (Personal)

Top Skills

Anthropic Claude
Plotly.js
Artificial Intelligence (AI)

Languages

German (Limited Working)
Esperanto (Limited Working)

Certifications

Crystal Reports 11 Level 1
Diploma of Software Development

Cole Morton

Senior Full-Stack Engineer | React/TypeScript/Node.js | AI
Orchestration | 11+ Years Building Enterprise Software | Brisbane
Chermside West, Queensland, Australia

Summary

Senior Software Engineer with 11+ years building production
systems across fintech, healthcare, and digital commerce. Recently
relocated to Brisbane from Berlin, eager to contribute to Australia's
thriving tech ecosystem.

What Sets Me Apart:
During 2020-2024, I took an entrepreneurial path, building
two sophisticated platforms that demonstrate enterprise-grade
engineering:
- Sensylate: GenContentOps platform with 21-command AI
orchestration, processing financial data through 18+ APIs
- Achieved 9.2/10 institutional maturity score with automated quality
gates
- 28,500+ lines of production Python/TypeScript code actively
maintained

Technical Excellence:
- Frontend: React, TypeScript, Vue, Angular
- Backend: Node.js, Python, GraphQL, RESTful APIs
- Cloud & DevOps: AWS, Docker, CI/CD, GitHub Actions
- AI Integration: Claude AI orchestration, automated content
generation

Seeking: Senior engineering roles where I can apply my full-stack
expertise and AI integration experience to deliver high-impact
solutions. Particularly interested in fintech, SaaS platforms, and
innovative product teams.

Brisbane, QLD

Experience

Self-employed
Independent Software Development & Quantitative Trading
October 2020 - Present (5 years)
Berlin, Germany

Entrepreneurial software development phase focused on building production-grade financial analysis and quantitative analysis software.

Key Achievements:
- Architected and deployed Sensylate, an enterprise-grade GenContentOps platform with sophisticated AI orchestration
- Integrated 18+ financial APIs with intelligent caching and contract-driven data pipelines
- Generated 100+ institutional-quality analysis reports with automated validation
- Built comprehensive quantitative analysis system
- Maintained highly active GitHub profile with 28,500+ lines of code
- Mastered modern AI-assisted development practices (Claude, Cursor, OpenRouter)

Technologies: Claude Code, Python, React, TypeScript, Astro, Netlify

Oetker Digital GmbH
Senior Software Engineer
July 2018 - October 2020 (2 years 4 months)
Berlin Area, Germany

I work in a highly dynamic environment on a multitude of various projects and technologies ranging from HTML, CSS to React, Vue, GraphQL, Typescript, Node and much more. This environment requires us to be incredibly flexible and product-focused as well as, efficient and productive in order to meet multiple deadlines.

Taupemist non-profit cooperative organisation
Founder
December 2017 - August 2020 (2 years 9 months)
Global

Taupemist is a non-profit cooperative organisation, and a digital identity created to participate as a positive actor in current and emerging decentralised economies.

Panorama Berlin

Senior Software Developer
March 2018 - June 2018 (4 months)
Berlin Area, Germany

I work at Panorama Berlin as the lead front-end developer and am responsible for the development of a brand-new mobile-first PWA using React, Apollo GraphQL, and service workers.
I also oversee development of Peach which is an open-source mono-repo project for creative UI component libraries.

Advertile Mobile
Senior Frontend Developer
May 2017 - November 2017 (7 months)
Berlin Area, Germany

I was employed as a Senior Frontend Developer responsible for the AppBounty IOS application.
I was a member of an extremely tight-knit, friendly and intelligent team with a strong emphasis on supporting each other and meeting our target objectives with high efficiency.
I was engaged in all areas of the SDLC, however, I believe that my ability to drive new, high-quality features from inception through to deployment at a high velocity was my greatest asset.

Market Logic Software
Senior Frontend Developer
October 2016 - March 2017 (6 months)
Berlin Area, Germany

During my time here, I developed a search UI using ReactJS, Styled Components, Redux, Redux-Saga, ImmutableJS, Reselect and Normalizr, using the latest design standards and ES7.

CrossLend GmbH
Senior Frontend Developer
July 2015 - June 2016 (1 year)
Berlin/Luxemburg

I worked with a small team of highly intelligent and motivated javascript developers at Crosslend GmbH.
By using a combination of TDD and CI, we were able to produce a high-quality product with new features added daily.

Dievision Agentur für Kommunikation GmbH
AngularJS Web Developer. Berlin, Germany

September 2013 - July 2015 (1 year 11 months)

I worked as the lead front-end developer on a major project from one of Germany's largest banks. The front-end was built on NodeJS using AngularJS, GruntJS as the task runner and application builder, and Bower as the package manager. Karma and Protractor integrate seamlessly allowing us to quickly and efficiently create and organise our unit and end to end testing.

Ich bekam die Möglichkeit an einem großen, neuen Projekt zu arbeiten von einer von Deutschlands größten Banken. Verwendet wurde ein bekanntes neues JavaScript Framework von Google namens AngularJS. Ich war leitender Frontendentwickler bei diesem Projekt und habe es von der Konzipierung bis zur Fertigstellung entwickelt. Während dieser Zeit wurde ich versiert in AngularJS, Node, Grunt, Bower und Karma, genauso wie CoffeScript, JavaScript, HAML, HTML, SASS und CSS. Ich sehe dieses Projekt als den bisher größten Erfolg meiner Karriere.

Charm Health Pty Ltd. Brisbane, Australia
.NET Software Developer
January 2012 - April 2013 (1 year 4 months)
Brisbane, Australia

Software developer in the CHI platform development team. We used Silverlight, WCF, SignalR, Entity Framework 4/5. to build a multi-tiered, enterprise-grade health information solution for the Chris O'Brien Lifehouse at the Royal Prince Alfred Hospital in Sydney.

ISAC New Zealand Ltd
MVC.NET Software Developer
October 2009 - January 2012 (2 years 4 months)
Auckland, New Zealand

Tasked with developing a comprehensive time tracking and job request system, primarily using ASP.NET 4, C# 4.0, SQL Server 2008, and Entity Framework. Part of a team responsible for designing, developing, and delivering a web-based commercial freight tracking management system, Door2More, for DHL Global Freight.

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Education

Computer Power Institute
Diploma in Software Development, Computer Programming · (2008 - 2009)