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MATTHEW STRONGE

■ LEAD SOFTWARE ENGINEER

ABOUT

As an experienced frontend software engineer, I am highly proficient in all aspects of frontend development and possess a deep passion for building rich, modern, and highly performant web applications. With a strong focus on delivering high-quality solutions that cater to the unique needs of the financial sector, I am adept at leveraging the latest technologies, frameworks, and best practices to build cutting-edge applications that meet and exceed user expectations. I take great pride in my ability to work collaboratively with cross-functional teams, and I am committed to delivering top-notch products that meet the needs of both end-users and stakeholders.

EXPERIENCE

2015-Present

CME GROUP

🌐 CME Group

LEAD SOFTWARE ENGINEER

As the lead software engineer, my role was multifaceted and encompassed both managerial and technical responsibilities. I regularly collaborated with product stakeholders, led the successful migration of our projects from on-premises to the cloud (GCP), and played a pivotal role in our graduate program by identifying and training promising talent to bring on board.

- Led the migration of our monolithic application to microservices architecture in the cloud, containerized the application, integrated new CI/CD pipelines, and built improved automation across our tech stack.

- Took a leadership role in delivering comprehensive frontend training to engineers across the organization. Identified gaps in training, recommended training solutions, and provided hands-on training to improve our team's expertise.

- As a people manager, I had the responsibility of overseeing the career development, goal tracking, and performance analysis of our team, while also providing coaching and mentoring to our interns.

- Played a key role in engaging with product stakeholders across the organization, both on the business and technology side of the company. This included ensuring that our feature roadmap was on track, and effectively managing and communicating expectations across the organization.

- Guided the technical implementation of all features and roadmap deliveries through proper design review, architectural analysis and code reviews.
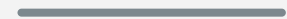
SENIOR SOFTWARE ENGINEER

Under my current role I have led the delivery of several key business features across two web applications utilising modern tooling and development practices including web components, web workers, asynchronous JS, socket-based messaging and micro-frontends.

- Helped lead the adoption of consumer-driven contract testing, presenting the core benefits of adoption and its contribution to the 'shift-left' methodology of bringing problems closer to development. Also implemented a JS based solution for running CDC tests within an Angular application.
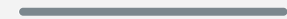
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SKILLS
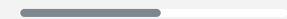
Javascript

React

NodeJS

Angular

Web Components

CSS/SCSS/SASS/LESS

Java

.NET

REFERENCE

"Having had the pleasure of working with Matt for over 5 years on multiple projects, I can confidently say that he is an exceptional frontend developer. Matt's mastery of everything frontend is remarkable and his commitment to delivering high-quality work is unparalleled. His passion for UI development is contagious and he is driven to foster growth and excellence within any team he joins.

What sets Matt apart is his unwavering focus on the customer's needs and his ability to deliver UI solutions that align with those needs. He possesses a deep understanding of UI performance, and I have always been impressed with his ability to optimize and streamline code for the best possible user experience.

I wholeheartedly recommend Matt as a key member of any agile team. He brings a wealth of knowledge and expertise, and his dedication to his work is truly inspiring."

MICHAEL WHYTE

PRINCIPAL STAFF SOFTWARE ENGINEER, PEAK6 INVESTMENTS

PHONE

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- Was responsible for the delivery of key reporting and audits on the performance of our web application which included key recommendations for improving runtime performance within the browser and user experience which ensured we had a viable product that delivered a positive experience for our customers.

- Responsible for mentoring other developers and the technical lead for the delivery of core business functionality in addition to ensuring that potential defects or bugs are caught in the code review phase.

- Was actively engaged with the design and analysis of application features, including communication with cross-functional teams and the relevant stakeholders to deliver effective and robust software solutions.

- Formed a committee to deliver an enterprise standard guideline and gatekeeping process for adopting Javascript frameworks for existing and new applications.

SOFTWARE ENGINEER III

My responsibilities within this role were focused on the technical delivery of functionality for our product in addition to helping mentor other members of the team.

- Led a project team to the initial delivery of an MVP for a component based application helping to deliver cross team adoption of frontend performance monitoring and budget-driven development.

- Mentored, paired and reviewed code from other colleagues in the team to improve code quality and to drive more efficient delivery of quality software.

- Was responsible for delivering on our automation roadmap specifically focused on increasing frontend test coverage and modernising our E2E test suite.

SOFTWARE ENGINEER II

As part of my role I was mainly focused on the development and delivery of new functionality as part of an agile team.

- Developed a NodeJS based performance runner to help internal frontend applications track performance metrics as part of their continuous integration.

- Helped with the planning and delivery of several key business features including leading the delivery of an internal chat application to production.

- Contributed to the continued effort to standardise and improve frontend performance monitoring and effectively communicate the ongoing process to teams and senior management.

2008-2015
FREELANCE WEB DEVELOPER

I worked as a freelance web developer helping clients build websites for their small businesses, working on PHP, Wordpress and Javascript to build rich web experiences for their customers.

OPEN SOURCE

FIXPARSER

CONTRIBUTOR

A Javascript framework for working with FIX protocol messages. Compliant with FIX 5.0 SP2. The Financial Information eXchange (FIX) protocol is an electronic communications protocol initiated in 1992 for international real-time exchange of information related to the securities transactions and markets.

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REFERENCE

"As the former CEO of an internet software company, I've had the opportunity to work with many talented web developers and technical experts over the years, and I can say without hesitation that Matthew is among the very best.

Matthew is a consummate professional who is an absolute pleasure to work with. He has an uncanny ability to understand complex technical requirements and execute them with ease, and his common sense and problem-solving skills are truly exceptional. His technical ability is impeccable, and he consistently delivers top-quality work that meets or exceeds expectations.

What sets Matthew apart, however, is his unwavering commitment to getting things done. He is a true workhorse who isn't satisfied until the job is complete, and complete it well. He's focused, diligent, and highly responsive, which makes him an invaluable asset to any team.

In summary, I would highly recommend Matthew for any web development or technical role. He is a standout performer with exceptional skills and a work ethic to match."

ROBERT BEATTY

FORMER CEO, PLEX INC

EMAIL

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