

Mathew Brown

Manager and Software Engineer

<https://www.linkedin.com/in/mathewdbrown/>

EXPERIENCE

mRelief Engineering Manager | Fully Remote Team

Remote Colorado
2023 – present

- Managed and guided a remote engineering team in creating applications that streamline access to social services, focusing on delivering high-quality products and cultivating operational excellence.
- Implemented new processes that lead to an over 60% improvement in velocity.
- Transitioned the team from Scrum to Kanban methodology, enhancing workflow and adaptability.
- Led the team in developing and integrating AI-driven services, driving innovation and expanding capabilities.
- Created and implemented a learning and growth framework to help engineers reach their full potential.

Alo Yoga Engineering Manager | Alo Moves | Fully Remote Team

Remote Colorado
2022 – 2023

- Managed and led a fully remote team in the development of a popular fitness video streaming site, Alo Moves.
- Implemented new processes that resulted in the successful completion of quarterly roadmaps and a 35% increase in velocity, enabling the team to deliver high-quality products on time.
- Successfully onboarded an offshore team of engineers resulting in the completion of critical project milestones.
- Introduced an improved on-call system and operational excellence practices that increased site reliability and reduced outages, resulting in an enhanced user experience.
- Winner of the following awards:
 - **"Best IRL-Like Virtual Workout"** in Shape's Best in Fitness Awards 2023
 - **"Best Yoga App"** in the Women's Health "Fitness Awards" for 2023.
 - **"Best for Mindfulness"** in the Good Housekeeping's 2023 Fitness Awards.
 - **"Editors' Choice:Best Overall"** in Reviewed The Best Yoga Apps of 2023.
 - **"Best Wellness App"** in Instyle's The Best Wellness Products of 2022.
 - **"Best Apps and Streaming Services"** in SELF's The 2022 SELF Home Fitness Awards.

PayPal Engineering Manager 2 | Honey Smart Shopping Assistant App | Android and iOS Platforms
Lafayette, Colorado
2021 – 2022

- Led a team of 12 Android engineers responsible for creating the Honey Smart Shopping Assistant app and Android libraries, which were used to integrate Honey features into the PayPal Android app.
- Successfully managed and directed platform initiatives for both iOS and Android apps, ensuring their seamless integration with the Honey Smart Shopping Assistant app.
- Led the development of the Android libraries, ensuring that the codebase was robust and efficient to enhance the app's performance and improve the user experience.
- Collaborated effectively with cross-functional teams, including Product Management, Design, and QA, to develop and deliver innovative features and functionalities for the Honey Smart Shopping Assistant app and the PayPal Android app.
- Maintained a high level of quality and productivity throughout the software development life cycle, ensuring that all deliverables were completed on time and within budget.
- Played a key role in the growth and success of the company by delivering excellent results and promoting the continuous professional development of the team.

PayPal Staff Software Engineer (MTS-2) | Honey and PayPal Android Apps
Boulder, Colorado
2020 – 2021

- Collaborated with a team to develop the Honey Android app, where I contributed to architecture designs, feature implementation, and automation of testing and development environments.
- Mentored less experienced engineers, empowering them to develop new skills and take on more significant responsibilities.
- Created automated CI/CD pipelines to ensure code quality checks and timely releases of the app, resulting in a smoother development process and increased productivity. Automated CI/CD pipelines also ensured high-quality code, efficient deployment, and a smooth integration process.
- Worked on a small team that created an Android library for the main PayPal app, enabling it to include Honey shopping features such as automatic coupon application.
- Focused on designing and architecting the library to integrate seamlessly with PayPal while keeping code quality and performance as top priorities.
- Worked on a small team that developed a unified networking library for writing GraphQL queries, enabling the generation of iOS and Android libraries automatically. The unified networking library kept platforms consistent, allowed for easier management of networking functionality, and facilitated automated code quality checks.
- Tech Stack included Android, Kotlin, JavaScript, Node, React, CircleCI, GitHub, GitHub Actions, GraphQL, Apollo

Honey Acquired by PayPal **Senior Software Engineer | Honey Android App, Honey Search Team, and Data Engineering**

Boulder, Colorado
2018 – 2020

- Collaborated with the Android team to architect and develop the Honey Android app, playing a key role in the app's early creation and architecture design.
- Collaborated with the Honey Search Team to bring search and optimization features to the app, contributing to its growth and success. Implemented code quality standards and checks to maintain high-quality code while creating and maintaining Honey search and optimization services.
- Contributed to the development of a large data engineering system, creating data flow pipelines to process large amounts of data and generate statistics. Also, developed the system's APIs and front-end web interfaces, built automated CI/CD pipelines, and ensured data integrity and optimal system performance.
- Tech Stack included Android, Kotlin, Scala, Dataflow, JavaScript, Node, React, Google Cloud Platform, Elasticsearch, Logstash, Kibana

Fanatics, Inc. **Senior Software Engineer**

Boulder, Colorado
2017-2018

- Designed and implemented new user-facing features in Fanatics products
- Maintained and implemented new features in Fanatics' wholesale suite of products, written in multiple languages.
- Collaborated with a team to design and build an open-source, accessible-first Vue.js UI Library
- Tech Stack included HTML, CSS, JavaScript, React, Vue.js, Node.JS, Express.JS, TDD, Python, Java , Go, GraphQL, Redis, Docker, AWS and PostgreSQL

Galvanize, Inc. **Web Development Lead Instructor, Principal Developer**

Boulder, Colorado
2016 - 2017

- Led a highly successful 6-month, full-time web development immersive program, achieving a student graduation rate of above 98% and a student placement rate of over 92%.
- Hired and managed a skilled teaching staff, ensuring a 100% employee retention rate and delivering quality instruction to students.
- Developed the program's curriculum, designed assessments and delivered lectures on the latest web technologies, ensuring that students received a well-rounded and relevant education.
- Enabled students to acquire in-demand skills and knowledge, preparing them for successful careers in web development.
- Tech Stack included HTML, CSS, JavaScript, AngularJS, React, Node.JS, Express.JS, TDD and PostgreSQL.

10-4 Systems **Full Stack Software Engineer**

Boulder, Colorado
2014 - 2016

- Worked with a team to design and develop software for 10-4 Systems' logistics platform, which included a marketplace connecting carriers and shippers.
- Redesigning an RPC style API into a RESTful API, resulting in a 90% reduction in routes and improving the overall efficiency of the software.
- Successfully implemented integrations with third-party platforms, doubling available loads in the marketplace and improving the platform's functionality.
- Tech Stack included ASP.NET MVC, C#, MS SQL Server, HTML, CSS, Javascript, jQuery, and Knockout.js.

Boulder County Elections Technology Specialist II (Software Developer)

Boulder, Colorado
2013 - 2014

- Developed an encrypted ballot system enabling real-time ballot printing and logging at the elections office and remote sites.
- Developed a suite of automation tools to streamline ballot creation and distribution, manage election data, and expedite post-election auditing, significantly reducing time-consuming tasks and improving overall efficiency. For example, the ballot randomization task was reduced from two days to just minutes, ensuring voter anonymity while improving election processes.
- Contributed to the success of the elections office by delivering high-quality solutions, ensuring data accuracy and integrity, and improving election processes.
- Tech Stack included C# .NET, VB .NET, MS SQL Server, Access, and Office Integration.

EDUCATION

Certificates University of Colorado, Boulder

- Graphic Design (2017)
- Business Writing (2017)

University System of Georgia

- Cybersecurity (2016)

UC San Diego

- Learning How To Learn (2016)

CSU Sacramento Computer Engineering
1998-2002

Sierra College A.S. Computer Science
1995-1998