Mason Meyer

(541) 979-8306 | Portland, OR (Open to Relocate) | mason.meyer@gmail.com | linkedin.com/in/-mason-meyer | mason-meyer.netlify.app

SUMMARY

Driven, dependable, and personable Founder, Chief Operating Officer, and Engineer with 8+ years of experience bridging the gap between technology and business. Known for a unique blend of technical expertise and business acumen, I excel at driving customer retention, growth strategies, and leading user-focused solutions. Skilled in full-stack development, with a primary focus on the MERN stack to deliver scalable, end-to-end web applications.

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, Python, C++, SQL
Frontend Development: HTML5, CSS3, TailwindCSS, React, Redux, Next.js, SASS, Material UI, Webpack, Chart.js
Backend Development: Node.js, Express.js, RESTful APIs, PostgreSQL, NoSQL (MongoDB), Next.js
Cloud & DevOps: Amazon Web Services (AWS) (Lambda, EC2, S3), Docker, Kubernetes, CI/CD (GitHub Actions)
Testing & Other Tools: Jest, Mocha, Supertest, React Testing Library, Electron, Prometheus, Git/GitHub

PROFESSIONAL EXPERIENCE

The Daily Shred - *Co-Founder / Software Engineer*   *03/2020 – Present*
- Formulated and maintained a mobile-first web application using React, HTML, CSS, and JavaScript for 2,000+ subscribers and supporting a growing paid user base through a subscription model; integrated third-party APIs for automated email delivery and managed user workflows.
- Applied advanced analytics (multivariate testing, data segmentation) to increase email open rates by 90% and click-through rates by 250%.
- Conducted technical presentations to government clients, utilizing data analytics to highlight service value, securing contracts that resulted in 350% user growth, and collaborating on feature development based on client insights.

PodMD (Open Source Contributor) - *Full Stack Software Engineer*   *09/2024 - Present*
- Developed a Kubernetes monitoring system using Prometheus and PromQL to track pod health in AWS EKS clusters, enabling advanced custom restart parameters and improving system reliability.
- Built a dynamic frontend with React and Chart.js for real-time Kubernetes pod metrics visualizations, capitalizing on Context API for seamless data management, elevating interactivity, and reducing troubleshooting time by 20%.
- Implemented Kubernetes client library for Node.js to automate AWS cluster management, streamlining deployments, cutting downtime, and boosting resource efficiency by leveraging the native integration with Kubernetes and Node.js.
- Designed modular middleware in Express to manage frontend parameters, amplifying scalability and simplifying complex request flows, accelerating CPU/memory updates, and orchestrating pod management using the Kubernetes API.
- Configured seamless CI/CD pipelines leveraging GitHub Actions, cutting down manual deployment errors by 40% and accelerating code validation cycles to under 15 minutes through automated Jest tests.
- Created a secure Node.js runtime with Electron for local desktop deployment, implementing unit and integration tests with Jest to ensure secure, reliable data handling and compliance with security standards.

The Forge Fitness Studio LLC - *Web Developer / Chief Operating Officer*   *01/2014 - 08/2024*
- Built and managed a scalable web application, integrating features like class scheduling, booking, and real-time stats to enhance user experience and enable activity tracking.
- Engineered API integrations with Mailchimp, MindBody, and FitMetrix to facilitate class bookings, deliver real-time stats, enable personalized communication, and track heart rates, optimizing efficiency and enriching user experience.
- Executed on-page SEO strategies to enhance search engine rankings by optimizing site structure, meta tags, and content for better crawlability, while integrating Google Analytics to increase organic traffic by 120%.
- Assembled employee onboarding with team-building strategies and feedback loops, advancing training efficiency and team performance, which led to an 80% member retention rate and five local awards in six years.

PROJECTS

AdventureMatch | *An application for Outdoor Enthusiasts that fosters friendships based on shared hobbies and skill-levels*

- Optimized frontend performance using React Router for SPA routing and useRef for refined DOM management, reducing latency by 20%, improving state persistence, and refining transitions and overall user experience.
- Tuned PostgreSQL queries, reducing user skill set identification time by 60% when handling large datasets, resulting in faster user matches and enhanced application performance.

DataWizard | *An AI-powered application that automates database population with mock data for testing purposes.*

- Architected an OpenAI-driven solution using NLP to parse natural language inputs into complex SQL queries, automating mock data generation and database population, optimizing testing and accelerating development workflows.
- Instituted a secure PostgreSQL database system with safeguards against SQL injection, incorporating query validation and automated testing using Jest, React Testing Library, and Supertest, achieving 81% test coverage for reliability.

EDUCATION

Bachelors of Science, *Magna Cum Laude (3.79 GPA)* - Oregon State University 2016

TALKS & PUBLICATIONS

[Database Optimization](#) | Scismic Tech Talk Series 2024

[PodMD - Developers Solution for Custom Kubernetes Pod Restart Configurations](#) | Medium 2024

INTERESTS & HOBBIES

Hiking new trails in the PNW, Paddleboarding, Weightlifting, and taking my Blue Heeler to the dog park.