



Matthew W Kinser

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SUMMARY

With two decades of full-stack development experience, I've applied machine learning to boost profitability, co-founded a podcast startup, and managed operations at an enterprise video hosting firm. My expertise encompasses not only code craftsmanship but also system design, rapid learning, problem-solving, creativity, and teamwork, all dedicated to propelling your organization's success.

EXPERIENCE

Lead Software Engineer | Redline Automotive

November 2020 - June 2023, Haddonfield, NJ

- Utilized machine learning to analyze extensive vehicle sales data, creating highly accurate predictive models (95% accuracy) that replaced outdated pricing methods.
- Led a team of product experts, data scientists, and front-end developers to design, implement, and integrate predictive pricing models into the core product's UI, meeting all project goals on schedule.
- Rapidly self-taught React Native, producing a proof of concept mobile app in just three weeks.
- Established and led a three-person mobile app team, successfully enhancing project efficiency and productivity.
- Successfully launched a comprehensive mobile app, reducing reliance on external vendors for improved business continuity.

Co-Founder / Lead Engineer | Knit.audio

May 2016 - November 2020, Brooklyn, NY

- Co-founded a podcast SaaS platform startup, providing hosting and advertising, and achieving \$1M+ annual revenue by addressing advertising technology gaps.
- Developed a Minimum Viable Product (MVP) in five weeks, garnering CNN's attention. The MVP's evolution included dynamic ad insertion, self-service features, and facilitating credit card purchases for advertisers. This transformation led to substantial monetization opportunities for smaller podcasts.
- Successfully onboarded Warner Media and over 400 internal users to our platform, streamlining podcast monetization operations.

VP Engineering | Castfire

September 2011 - January 2016, San Francisco, CA

- Advanced cost-efficient platform enhancements, system reliability, and new features through hands-on coding, mentorship, and team collaboration within the first six months, leading to my promotion to Lead Engineer.
- Spearheaded the expansion and acquisition of Castfire's video-serving platform, successfully navigating complex M&A negotiations during the sale.
- Orchestrated a seamless transition to new ownership and operations teams, skillfully preserving 30+ valuable client relationships.
- Led the smooth transition to a cloud-based infrastructure, achieving operational efficiency and significant cost savings while maintaining 100% uptime.

ATS - SKILLS (NOT FOR HUMANS)

JavaScript, JS, TypeScript, TS, Express, Node.js, NodeJS, ES6, Stripe integration, Auth0, authentication, authorization, Computer Science, Frontend, front-end, back-end, backend, API, Fullstack, full stack, full-stack, Process Automation, Data Mining, Web Scraping, Python 2, Python 3, PHP 5, PHP 6, PHP 7+, DevOps, IaC, Continuous Integration/ Continuous deployment, CI/CD Pipelines, CircleCI, AWS CDK, Serverless Stack, SST, Serverless Framework, Docker, Git, Bitbucket, SVN, Capistrano, Chef, Troubleshooting, Debugging, Containers, Front End, Web Development, ReactJS, React, React.js, Nextjs, Next.js, Vue, CSS, Cascading Style Sheets, CSS3, HTML, HTML5, Responsive Design, Material UI, Bootstrap, Tailwind CSS, Mentoring, Coaching, Design Patterns, Code Reviews, PRs, Machine Learning, Data Science, AI, Artificial Intelligence, SaaS, Scaling, High Availability, Paas, eCommerce, Machine Learning, TensorFlow, PyTorch, Scikit-learn, Natural Language Processing, NLP, Neural Networks, Deep Learning, MLOps, User Interface, Mobile App Development, React Native, Redux, Android, iOS Development, MS AppCenter, Databases, AWS DynamoDB, MongoDB, Redis, ORM, RDBMS, NoSQL, MVC, QA, SOAP, RPC, tRPC, Problem Solving, Collaborate, Collaboration, Memcache, Memcached, Key-Value, MySQL, MariaDB, PostgreSQL, Elasticsearch, Unit tests, Jest, Mocha, automated testing frameworks, E2E testing, end to end, Security, Integration Testing, Cypress, NPM, SEO, CRO, Yarn, pnpm, Systems Administration, Linux, Cloud Platforms, AWS, Amazon Web Services, Hosting, Data storage, backup, metrics, dashboards, infrastructure, logging, ETL, FTP, CDN, Azure, Microsoft Azure, GCP, Google Cloud Platform, EC2, Distributed Systems, OOP, Pub/Sub, Event Driven Architecture, SOLID, DDD, domain driven design, Algorithms, Data structures, REST, GraphQL, Apollo, Elastic Compute Cloud, IAM, Identity Access Management, OAuth, oauth2.0, ELB, Elastic Load Balancer, ECS, Elastic Container Service, EBS, Elastic Block Store, S3, Simple Storage Service, SES, Simple Email Service, Microservices, RDS, Postgres, Relational Database Service, Aurora, SQS, Simple Queue Service, Dynamo, DynamoDB, EventBridge, Lambda, API Gateway, IoT, Internet of Things, Cloudwatch, Cloudfront, Cloudflare, Workers, R2, HTTP servers, Nginx, Apache, Varnish, Proxy, SSL, Shell scripting, Bash, Ruby on Rails, Git, github, Linear, Atlassian, Jira, Agile, Scrum, Kanban, Slack, Retroencabulator / Turboencabulator v18