

Matthew J. Martin

Staff Software Engineer

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Objective

Fully in-office or hybrid role in NYC Metro Area in fast-paced, AI-native environment for an early to mid-stage, high-growth startup.

Summary of Qualifications

- Preference for early stage, high-pace startups
- 15+ years full stack web development with deep backend focus, including 9+ years building server-side systems with Node.js & TypeScript
- 10+ years experience in payments industry, including credit card processing & multi-currency operations
- 5+ years modern frontend with React, Next.js, and Tailwind; over 15+ years total frontend experience
- Strong DB fundamentals: SQL (Postgres & MySQL), NoSQL (MongoDB), & caching (Redis); data modeling across high-volume transactional and large analytical workloads
- Experience with distributed & event-driven architectures (RabbitMQ, STOMP, Protobuf)
- Proficient in Docker containerization and Kubernetes orchestration; experience with AWS (ECS/ECR/KMS), GCP, and Alibaba Cloud
- Champion of TDD practices at all levels of the stack, especially API & frontend
- CI/CD automation with GitHub Actions/Workflows, including building custom ones
- 5+ years experience with PHP & 3+ years Java
- 15+ years experience working remote/hybrid/globally distributed team
- Strong product/UX sense; some experience as PM & UX designer

Professional Experience

Staff Software Engineer — LaunchGood, Inc.

Jan. 2024 to May 2026 | Detroit, MI (remote)

Crowdfunding platform processing 100+ transactions per second at peak volume, with over 1 million donors, supporting 8 currencies, operating in 250+ countries

- Architected & led buildout of recurring payments system responsible for \$13M monthly recurring payment volume
- Designed & led implementation of mission-critical, customer-facing real-time financial dashboard handling > 100K concurrent user connections with auditable time-series data
- Championed AI-native development & on-call remediation workflows; mentored & trained more junior team members
- Built and maintained mission-critical integrations with third-party payment services
- Remediated critical system bottlenecks and error paths, directly contributing to reduction in P0 escalations achieving 99.998% uptime
- Defined API contracts and service architecture decisions as technical lead, influencing platform-wide technical direction
- Championed RFC process; authored RFCs related to financial processing pipeline & collaborated on others to refine RFCs related to other areas of the platform
- Optimized backend performance for high-throughput, data-intensive payment processing operations

Interim Head of Engineering (Contract) – LaunchGood, Inc.

Oct. 2021 to Dec. 2024 | Detroit, MI (remote)

- Dramatically increased engineering team velocity from 1 release every 3 months, to average of 2+ releases per day
- Conceived, architected, and led shift towards modern technology stack and microservices architecture
- Transitioned team to product pods model & dramatically accelerated product development
- Evaluated build-vs-buy options for key infrastructure pieces, reduced cost while improving business operations through integration of key vendors
- Drove engineering excellence: established code review practices, design patterns, and testing standards across the team
- Introduced CI/CD pipelines and developer experience through GitHub Actions automation and containerized deployments (Docker, AWS ECS/ECR)
- Began transition from outsourced engineering team to internal team
- Contributed end-to-end features spanning backend APIs (Nest.js) and frontend (Next.js, React, Tailwind)

Key technologies: Nest.js, Next.js, React, Tailwind, Node.js, TypeScript, REST API, RabbitMQ, Redis, Postgres, Swagger/OpenAPI, Docker, AWS ECS/ECR/KMS, GitHub Actions, MySQL, PHP, OpenSearch, Spreadly, Adyen, Currency Cloud, Finclusive

Founder & CEO – Blossom Labs, Inc. (BlossomFinance.com)

Jan. 2018 to Sep. 2021 | San Francisco, CA

Global, cross-border investment platform originally built on the Ethereum blockchain

Key technologies: Node.js, Ngx, Mongo, MySQL, RabbitMQ, SASS (CSS), Heroku, Linux, Docker, Apostrophe CMS, Ethereum, Docker, Digital Ocean, Amazon AWS, Heroku, REST API

Director of Engineering – Taro, Inc. (Acquired by EAT Club)

Aug. 2015 to Dec. 2018 | Mountain View, CA (hybrid)

Marketplace of diverse, ethnic foods cooked by chef entrepreneurs not found in restaurants

Key technologies: Node.js, React.js, Angular.js, Ionic, Mongo, RabbitMQ, SASS/CSS, Heroku, Firebase, Cloudinary, Algolia

Founder & CEO – Blossom Labs, Inc. (BlossomFinance.com)

Jul. 2014 to Aug. 2015 | San Francisco, CA

Global, cross-border investment platform originally built on the Ethereum blockchain

Key technologies: Node.js, Angular.js, Bootstrap CSS, Mongo, RabbitMQ, SASS/CSS, Heroku

Sr. Software Engineer, Team Lead – Monitise Americas, Inc.

Apr. 2013 to Jun. 2014 | San Rafael, CA (*acquired by Finovate*)

White-label digital banking mobile and tablet solutions for consumer banking industry

Key technologies: Cordova/Angular.js, Node.js, Grunt, Bower, LESS, REST API, Card Industry, NFC, Mobile-Wallet, Visa network, core banking

Sr. Frontend Engineer – Boku, Inc.

Sep. 2010 to Apr. 2013 | San Francisco, CA

White-label digital banking mobile and tablet solutions for consumer banking industry

Key technologies: JS, jQuery, PHP, HTML, Java, MySQL, REST API, Card Industry, PCI, NFC, Mobile-Wallet, MasterCard network, mobile payments, telecom/sms/mms

Web Developer – Xoom, Inc.

Jan. 2010 to Sep. 2010 | San Francisco, CA

International money remittance helping families in the US send money back home overseas

Key technologies: JS, jQuery, CSS, HTML, Java

Software Applications Engineer – Logitech, Inc.

Jul. 2007 to Jan. 2010 | Mountain View, CA

Network music player “squeezebox” streams all the music you love to any room in your home

Key technologies: JS, PHP, MySQL, CSS, HTML, MySQL, Perl

Education

Economics (Certificate of Completion) – George Mason University, 2013

Software Applications Programming – ITT Technical Institute, Liverpool, NY, 2003–2005

Links

- GitHub: <https://github.com/matmar10>
- LinkedIn: <https://linkedin.com/in/matthewjosephmartin>