Vasja Volin

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EXPERIENCE

Senior Software Engineer 2

LeafLink   **May 2024 – January 2026, New York, NY**

- Developed and integrated a recommendation engine utilizing Algolia and Moloco to provide tailored product and advertisement suggestions to platform users.
- Developed an algorithm to manage deeply nested package hierarchies, enabling compliant payment processing within regulated industries using Python and PostgreSQL.
- Engineered a new webhooks architecture and optimized data ingestion workflows for the package traceability service using AWS Lambda and PostgreSQL, which streamlined operations and enabled database footprint reduction.

Senior Staff Software Engineer

Hype   **February 2021 – March 2023, New York, NY**

- Designed an analytics pipeline, including feature-flagging and experimentation, which provided our product team insights into overall platform usage.
- Introduced important automation and tooling such as the OpenAPI spec and JSDoc cut developer onboarding time by 50% and to open our API for external development.
- Utilized modern Agile practices: architectural reviews around new features; post-mortems and retrospectives on completed projects; domain modeling and design documentation for proposed projects. Reduced defect rate by over 33%, and improved dev satisfaction by 20%.
- Created a Twilio-powered messaging system and subsequent SMS auth that increased Creator acquisition by over 20% and improved contact signup rates by over 50%.

Team Lead

Republic   **August 2018 - September 2020, New York, NY**

- Solved the problem of running industry-compliant crypto-backed campaigns, which resulted in Republic's successful Note sale, and drew in several companies to raise funds on the platform. Grew to lead a team of four remote engineers in Russia, handling core microservices development. Trained the overall team as it grew from 4 to over 20 developers.

Tech Lead

Hearst Magazines   **November 2016 – August 2018, New York, NY**

- Devised web services for delivering video content across hundreds of Hearst properties. Rebuilt an ES6 video player which resulted in a 300%+ improvement in content views and over 17M+ additional ad plays across Hearst's 95+ distinct sites. Managed a team of eight in handling cross-departmental feature deployment in core services used by hundreds of engineers and editors, pushing deploy throughput up by 33% and reducing post-deploy rollbacks by 20%.

Senior Developer

WSI Intelligent Audit   **May 2010 – August 2016, Rochelle Park, NJ**

- Grew from a beginner engineer into a senior, maintaining and upgrading complex supply chain management software for hundreds of unique clients. Introduced versioning, TDD, and SOLID design principles to improve reporting and new project turn-around by 50%.

EDUCATION

Bachelor of Science in Computer and Electrical Engineering

Minor in Psychology · Rutgers School of Engineering · New Brunswick, NJ · 2010

SKILLS

Recent: Node.js, React + Redux, Next.js, OpenAPI, Docker, AWS Lambda, ElasticSearch, Python, Ruby / Rails
Strong: API Design, Microservice Development, Terraform, PostgreSQL, Vue.js, Typescript, REST, Scrum