

**TECHNICAL SKILLS** - Go, TypeScript, Node.js, React.js, PostgreSQL, Redis, Microservices, Distributed Systems, Event-Driven Architecture, System Design, Docker, Kubernetes, AWS, CI/CD, Linux, Prometheus, Grafana, OpenTelemetry

## EXPERIENCE

### Senior Software Engineer – ViralMint | Oct'24 - Present

- Architected and led the development of the company's AI-powered commerce platform, owning the core backend, infrastructure, and technical roadmap.
- Designed the end-to-end system architecture, enabling scalable, high-performance services handling millions of monthly requests.
- Built a one-click Shopify migration platform for seamless transfer of products, themes, customers, and store configurations.
- Developed a configurable commerce engine supporting dynamic pricing, promotions, discounts, taxes, shipping charges, and custom business rules.
- Engineered a custom Shopify Liquid rendering engine outside Shopify, enabling fully customizable storefront experiences.
- Optimized storefront, cart, and checkout performance through caching and system-level improvements, reducing latency by 60%+ and achieving Lighthouse scores above 90.
- Built and managed the entire cloud infrastructure on AWS, designing production-grade Kubernetes clusters, networking, deployment pipelines, and scaling strategies from the ground up.
- Led DevOps and platform engineering efforts, implementing CI/CD, infrastructure automation, monitoring, observability, and operational best practices.
- Implemented platform-wide monitoring and distributed tracing using Prometheus, Grafana, centralized logging, and observability tooling, improving system reliability and incident response.
- Reduced AWS infrastructure costs by approximately 50% through architecture optimization, resource tuning, and efficient workload management.
- Developed cloud-native microservices in Go and TypeScript, scaling the platform to support 1,000+ storefronts, 500K+ monthly users, and millions of API requests.
- Collaborated directly with founders and product stakeholders to drive technical strategy, platform scalability, and key product initiatives.

### Software Engineer – Tailboost.ai | Apr'23 - Oct'24

- Contributed to an AI-powered Shopify marketing platform across backend services, merchant tools, and storefront integrations.
- Built user persona and visitor segmentation systems, along with personalized Shopify storefront components for targeted marketing.
- Developed merchant dashboards and integrated Shopify APIs, webhooks, and theme extensions to manage campaigns and customer experiences.
- Built scalable backend services for real-time personalization and improved platform performance, reliability, and maintainability.

### Freelance Software Engineer – PotatoPay.co

- Architected and launched a real-time creator monetization platform, leading development from concept to production.
- Built secure payment, revenue-sharing, and automated payout systems, powering seamless financial operations.
- Developed scalable backend services and real-time integrations to support low-latency transactions and user experiences.
- Defined platform architecture, infrastructure, and deployment strategy, driving scalability, reliability, and long-term maintainability.

## PROJECTS

### [Git Session link](#)

- Architected and developed a collaborative code-sharing platform with secure repository access, browser-based editing, authentication, and repository management capabilities.
- Streamlined developer collaboration through browser-based code contributions and pull request creation, reducing onboarding friction and improving productivity.

### [Session Story link](#)

- Architected and built a session replay platform with a lightweight SDK and scalable data pipelines for high-volume event capture and processing.
- Engineered replay and observability capabilities that provided deep visibility into user behavior, accelerating debugging and issue diagnosis.
- Optimized event ingestion, storage, and playback performance to ensure reliable session reconstruction at scale.

## EDUCATION

B.Tech – Jaypee Institute of Information Technology (2019 – 2023)