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Summary

Platform Engineer with 4+ years building scalable distributed systems and infrastructure platforms that empower developer productivity. Strong expertise in Go, Python, and Java with proven experience designing core platform services, data infrastructure, CI/CD automation, and microservices architectures serving millions of users. Track record of maintaining highly robust, performant systems for financial technology environments.

Experience

SellWizr   **June 2025 – Present**
Platform Engineer Intern   *New York, NY*

- Built enterprise platform microservices using Golang with Docker containerization and automation frameworks, reducing deployment time by 40% through CI/CD pipeline optimization and infrastructure as code practices.
- Developed scalable data processing platforms using Python and distributed systems architecture, achieving 60% performance improvement through efficient algorithm design and automated monitoring systems.
- Implemented comprehensive developer productivity tools with 98% system reliability, including automated testing frameworks and observability systems that enable teams to ship code quickly and safely.

Site Service Software   **Aug 2024 – Apr 2025**
Backend Platform Engineer Intern   *San Francisco, USA*

- Architected migration from legacy systems to modern distributed platform using Spring Boot, PostgreSQL, and containerization, achieving 40% performance improvement through systematic database optimization and microservices design.
- Developed 20+ platform APIs using Java and Python with comprehensive validation and security controls, reducing latency by 30% in highly available distributed systems serving thousands of developers.
- Led cross-functional collaboration to deliver platform capabilities from requirements gathering to production deployment, implementing monitoring and alerting systems for operational excellence throughout product lifecycle.

meetX   **Nov 2023 – July 2024**
Infrastructure & Data Platform Intern   *San Francisco, USA*

- Built data processing platforms with real-time analytics and automated monitoring systems, implementing secure data pipelines and storage architectures optimized for high-performance financial data processing.
- Developed internal developer tools and automation frameworks using Python, improving system reliability by 35% through continuous monitoring, observability systems, and self-service infrastructure platforms.
- Implemented security and privacy controls including data encryption, access controls, and audit logging for sensitive financial data protection and regulatory compliance requirements.

Glitter Fund   **Jan 2023 – Dec 2023**
Platform & Data Engineer Intern   *San Francisco, USA*

- Led platform development for financial technology infrastructure using Django, PostgreSQL, and AWS, maintaining 99.9% uptime through robust distributed systems design and comprehensive monitoring solutions.
- Engineered real-time data processing platforms deployed on cloud infrastructure, optimizing system latency by 30% through efficient data storage architectures and automated performance optimization.
- Implemented advanced security and compliance frameworks with comprehensive audit logging and data protection controls, ensuring platform meets high standards for financial data security and regulatory requirements.

Platform Engineering Projects

Dex Pay - Financial Platform Infrastructure — Link to GitHub

- Built comprehensive fintech platform replicating UPI payment systems with Next.js, TypeScript, and PostgreSQL, implementing secure data storage, real-time payment processing, and distributed backend services for financial infrastructure.
- Developed scalable platform architecture with comprehensive security controls including data encryption, access management, and audit logging, demonstrating expertise in building production-grade financial technology platforms that handle sensitive data.

API Gateway & Developer Platform — Link to GitHub

- Architected enterprise-grade API Gateway platform with intelligent load balancing, Redis caching, and advanced rate limiting using Node.js and Caddy, achieving 99.5% availability and 40% latency reduction for high-traffic applications.
- Implemented comprehensive developer productivity tools including automated monitoring, observability systems, and self-service infrastructure capabilities that enable teams to deploy and manage microservices efficiently and safely.

ServerManager - Infrastructure Monitoring Platform — Link to GitHub

- Built scalable infrastructure monitoring platform with real-time metrics visualization, automated alerting, and comprehensive logging systems supporting distributed systems management across multiple nodes.
- Developed cross-platform developer tools with secure SSH integration and advanced system analytics, improving operational efficiency by 80% through automated infrastructure management and real-time performance monitoring.

Custom File System & Data Storage Platform — Link to GitHub

- Engineered complete file system implementation in C with Unix-like interface, FAT-based storage management, and cross-system data transfer capabilities, demonstrating deep understanding of data storage architectures and system-level programming.
- Implemented robust data persistence and retrieval mechanisms with comprehensive error handling and performance optimization, showcasing expertise in building foundational data infrastructure for platform services.

Technical Skills

Programming & Platforms: Go, Python, Java, C++, JavaScript, TypeScript, Distributed Systems, Microservices Architecture
Data & Databases: PostgreSQL, MySQL, MongoDB, TiDB, Redis, Data Pipelines, Big Data Processing, Storage Architectures
Infrastructure & DevOps: Docker, AWS, CI/CD Pipelines, Infrastructure as Code, Monitoring & Observability, Load Balancing
Security & Compliance: Data Encryption, Access Controls, Audit Logging, OAuth 2.0, Privacy by Design, Financial Data Protection

Education

San Francisco State University   **Expected Fall 2025**
Bachelor of Science in Computer Science — GPA: 3.95/4.0 — Phi Beta Kappa Honor Society   *San Francisco, California*
Relevant Coursework: Distributed Systems, Database Systems, Data Structures & Algorithms, Operating Systems, Software Engineering, Computer Security