

CHINMAY PAWAR

+1(312) 937-5354 ♦ Chicago, IL (Open to relocation)

pawarchinmay27.work@gmail.com ♦ [linkedin.com/pawarchinmay27](https://www.linkedin.com/in/pawarchinmay27) ♦ github.com/pawarchinmay27

EXPERIENCE

Senior Software Engineer

Jan 2022 – Aug 2022

Morgan Stanley

- Served as a Senior Software Engineer on the Vista trade engine project, designing high-performance, distributed cross-asset allocation apps for processing **20M+** daily messages.
- Created a scalable, multi-threaded trade engine with microservices, handling **2M+** real-time events from various external apps for live trade visualization.
- Improved performance by refactoring legacy code, resulting in a **90%** reduction in execution time for a critical algorithm handling one of MS's largest client orders ever.
- Mentored three junior engineers for seamless team integration, conducted thorough code reviews to maintain high-quality standards.

SDE II

Jan 2020 – Jan 2022

HERE Technologies

- Incorporated self-healing capabilities in the application by automatically replaying failed data extraction jobs, resulting in a **90%** reduction in product delivery time and ensuring data integrity.
- Rearchitected the application design to address distributed locking and consensus challenges, enabling seamless deployment on Kubernetes pods and boosting performance by **40%**.
- Established CI/CD from the ground up for the application on GitLab, improving lead time by **90%**.
- Redesigned and optimized existing code, leading to an exceptional **97%** reduction in response time for the search feature's performance.

Software Engineer

Jul 2018 – Jan 2020

Zycus

- Built 5 asynchronous microservices using message queues for the Integration Platform product, facilitating seamless data integration from client's ERP to Zycus's product ecosystem.
- Developed a distributed rate limiter, precisely curbing concurrent user requests per unit of time based on their subscribed API plans, culminating in the creation of a remarkable **2 million \$** revenue stream for the organization.
- Implemented service discovery feature which enabled dynamically routing client's API requests to healthy internal application servers, ensuring a **97.99** uptime SLA.

TECHNICAL SKILLS

Programming Languages: Java, Scala, Python, JavaScript, SQL
Database: MS SQL, Oracle, Redis, Mongo DB
Frameworks: Spring Boot, Hibernate, Play, Spring Security, Junit, Mockito, GraphQL
Tools: Git, ActiveMQ, Docker, Kubernetes, Maven, Jira
Cloud Platforms: AWS, Azure
Architecture: REST, Microservices, Distributed Systems

RELEVANT PROJECTS

GoLang Based Monitoring Agent:

- Engineered a cross-platform Golang library for retrieving system stats across servers, offering hassle-free deployment as an executable binary, eliminating server-side prerequisites.

GraphQL Query Tool:

- Designed a GraphQL dashboard for engineering teams to access production environment's information, resulting in a remarkable **95%** reduction in application deployment time and enhanced operational efficiency.

EDUCATION

Master of Information Systems, University of Illinois Chicago

Dec 2023

Bachelor of Computer Science and Engineering, Mumbai University

Jul 2018