Pranjal Karankar

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Experience

Walmart Inc., AR

Staff Software Engineer *(Java, Spring Reactive, GraphQL, Cosmos, Redis)*   Sept 2024 – Present
- Architect of a next-gen Supplier Compliance and Auditing platform to replace a decades-old system, slashing operational costs by 70% through cloud-native and automated solutions projected to save 150K+ annual labor hours
- Championed operational excellence by mentoring 12+ engineers on zero-touch CI/CD , and implementing cost-optimization strategies to cut infrastructure spend by 25% annually

Senior Software Engineer *(Java, Spring Boot, Kafka, Postgres, K8s, Docker)*   Sept 2022 – Aug 2024
- Led a team of 10 engineers to develop a tier-1 Warehouse Order Management product for Sam's Club Replenishment, successfully deployed across 18 Perishable DCs and 4 Import DCs
- Championed a scalable and resilient event-driven microservices architecture while adhering to domain-driven design principles and successfully achieved kafka throughput of 5K TPS
- Achieved 99.5% availability and strong data consistency by leveraging fault-tolerant design patterns like Virtual Queues, Outbox, CQRS, Circuit Breakers, and disaster recovery measures
- Successfully recruited talent by conducting 50+ technical interviews and mentoring 2 engineers on career growth

Software Engineer III *(Spring Boot, Cassandra, Solr, Helm)*   April 2021 – Aug 2022
- Developed REST microservices to redefine supplier onboarding experience for 50k+ global users, slashing average onboarding time by 80% and increased NPS by 30 points
- Reduced operational computing costs by 30% through CI/CD and containerized public cloud deployments.
- Established observability practices with reusable logging, alerting, tracing, and application metrics dashboards
- Led technical proof of concepts and presented architectural proposals to executive stakeholders, translating business requirements into scalable technical solutions

Software Engineer II *(Java, Scala, Apache Spark, Cassandra, VMs)*   July 2018 – Mar 2021
- Led implementation of Contact Hub to centralize supplier contacts deprecating more than 90% of support entry points
- Developed microservices, data migration, and sanitation scripts to integrate with legacy systems through Kafka
- Collaborated on incident response and thorough Root Cause Analyses (RCAs) for business-critical systems, implementing proactive monitoring and alerting to reduce MTTR by 40%
- Coached 8-person cross-functional team in Agile practices, improving sprint planning and velocity by 30%

Accenture, India

Associate Software Engineer   June 2015 – June 2016
- Developed on spring based monolith for historical sales data viewer application for a large scale FMCG client

Achievements

Received **Making the Difference** award twice and **Bravo** award for leading key replenishment initiatives

Dale Carnegie Human Relations and Communication Course (12 weeks): **Outstanding Performance Award**

Scrum.org : Professional Scrum Product Owner I (PSPO), Professional Scrum Master I (PSM)

Skills

Languages/Frameworks: Java, Kafka, Spring Boot, JavaScript, Node.js, Vue.js, Scala

Databases: PostgreSql, Cosmos, Cassandra, MongoDB, Solr, Memcached

Other: REST, GraphQL, Docker, Kubernetes, Azure, GCP, Agile (Scrum), Engineering Management

Education

Arizona State University, AZ
M.S., Software Engineering | GPA: 3.6/4.0   May 2018

University of Pune, India
B.E., Electronics & Telecom | GPA: 3.8/4.0   May 2015

Harvard Business School Online
CORe – Economics, Accounting, Business Analytics   Aug 2019