Pranjal Karankar

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Education		

Education

Arizona State University — *May 2018*
Master of Science, Software Engineering — *GPA: 3.6 / 4.0*

University of Pune — *May 2015*
Bachelor of Engineering, Electronics & Telecom. — *GPA: 3.8 / 4.0*

Harvard Business School Online — *August 2019*
CORe – Economics, Accounting, Business Analytics — *Pass with Honors*

Skills

• Java, Kafka, Spring Boot, JavaScript, Node JS, Vue JS, Scala   • Docker, Kubernetes, Azure, GCP, Git, Splunk, Dynatrace

• Postgres, Cassandra, MongoDB, Solr, Memcached   • Distributed Systems, Scrum / Agile, Engineering Management

Experience

Walmart Inc AR

Senior Software Engineer (Java, Spring Boot, GraphQL, Kafka, Postgres, K8s, Docker) — *August 2022 – Present*
- Led a Scrum team of 10 engineers to develop and deploy a tier-1 Order Management product for Sam's Club Replenishment, successfully deployed across 18 Perishable DCs and currently being implemented in 4 Import DCs
- Championed a scalable and resilient event-driven microservices architecture that handles millions of burst transactions, garnering approval from a panel of architects. Ensured the central focus around domain driven design and reusability
- Achieved 99% system uptime rate and minimized data loss by leveraging fault-tolerant design patterns like Virtual Queues, Outbox, CQRS, Circuit Breakers, and systematic self-healing measures
- Conducted rigorous Disaster Recovery and Performance Testing exercises to ensure continuous system availability
- Successfully recruited top talent by taking 50+ technical interviews and mentoring 2 engineers to enhance their skillset

Software Engineer III (Java, Spring Boot, Kafka, Cassandra, Solr, VMs) — *April 2021 – July 2022*
- Developed multi-tenant microservices to redefine supplier onboarding experience for 500k+ global users by, slashing average onboarding time from 60 days to 7 days and turning a -30 NPS into a neutral 0
- Streamlined the experience for 24-hour onboarding journey and conceptualized backend workflows for pre-vetted suppliers
- Advocated cost-efficiency, slashing computing costs by 30% through CI/CD and containerized public cloud deployments
- Boosted developer productivity and code quality by leading a team of 4 offshore engineers through code reviews, pair programming
- Established Observability & Operational Excellence practices with logging, alerting, tracing, and application metrics dashboards
- Influenced strategy by presenting technical proof of concepts to executives across the organization and collaborating with stakeholders on converting product requirements to technical stories

Software Engineer II (Java, Scala, Apache Spark, Cassandra) — *July 2018 – March 2021*
- Led implementation of Contact Hub to centralize supplier contacts which deprecated more than 90% of support entry points
- Developed REST microservices, data migration, and sanitization scripts, seamlessly integrating them with legacy systems through Kafka. This strategic integration led to a significant annual cost savings of $1.04M through effective case deflection
- Collaborated closely with multiple engineering and support teams, efficiently troubleshooting, and resolving critical P1 incidents during on-call rotations. Conducted thorough Root Cause Analyses (RCAs) to prevent future occurrences
- Coached a cross-functional team of 8 engineers in Agile-Scrum, resulting in improved transparency and productivity

Arizona State University AZ

Student Developer (Java, Spring MVC, SQL Server, JavaScript, Ajax, jQuery) — *October 2016 – March 2018*
- Developed scalable Rest APIs for the application portal of Arizona State University used by 100K+ applicants every year
- Reduced human data entry errors by 70% by using Optical Image Recognition on student transcript uploads

Accenture INDIA

Associate Software Engineer (Java, Spring, SQL Server) — *June 2015 – June 2016*
- Developed backend spring MVC APIs for historical sales data viewer application for a large scale FMCG client
- Revamped legacy stored procedures using query optimization and indexing which reduced execution time by 50%

Recognition

Received **Making the Difference** award **twice** for leading key Replenishment initiatives & **Bravo** award for engineering skills

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)