Pranjal Karankar

pranjalsk20@gmail.com | 480 494 1580

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
- Postgres, Cassandra, MongoDB, Solr, Memcached
- Docker, Kubernetes, Azure, GCP, Git, Splunk, Dynatrace
- 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 a tier-1 Warehouse 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 conducting 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 and 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 an 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 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)