

Pranjal Karankar

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Education	Arizona State University <i>Master of Science, Software Engineering</i>	GPA: 3.6 / 4.0 May 2018
	University of Pune <i>Bachelor of Engineering, Electronics & Telecom.</i>	GPA: 3.8 / 4.0 May 2015
	Harvard Business School Online <i>CORe – Economics, Accounting, Business Analytics</i>	Pass with Honors August 2019
Skills	Current Java, Kafka, Spring Boot, Cassandra, Azure SQL, Solr Search, Docker, Kubernetes, Git, Splunk Past JavaScript, Vue JS, Node JS, Scala, Python, MongoDB	
Experience	Walmart Inc ^{AR} <i>Senior Software Engineer</i>	August 2022 – Present
	• Architecting real-time event driven warehouse order management system to replenish items in Sam's Clubs from DCs	
	<i>Software Engineer III</i>	April 2021 – July 2022
	• Developed multi-tenant microservices for the Supplier Experience product that is used by 500k+ suppliers globally. It reduced average onboarding time from 60 days to 7 days, effectively improving NPS from -30 to 0	
	• Conceptualized and implemented 24 Hour onboarding journey and backend workflows for pre-vetted suppliers	
Experience	• Reduced computing costs by 30% using CI/CD and containerized deployments in public cloud. Automated alerting, integration testing, performance testing, and metrics dashboards using internal tools	
	• Managed a team of 4 engineers offshore and fostered their code quality through code reviews and pair programming	
	• Presented technical POCs and architectures to executives across the org. Authored system docs and PRDs with stakeholders	
	<i>Software Engineer II</i>	July 2018 – March 2021
	• Led Contact Hub product to centralize supplier contacts which deprecated more than 90% of support entry points	
Experience	• Developed microservices, data migration, and sanitization scripts. Integrated with downstream legacy systems using Kafka. This saved support costs through case deflection by \$1.04M per year	
	• Collaborated with multiple engineering and support teams in troubleshooting P1 incidents during on calls and provided RCAs	
	• Coached cross-functional team of 8 engineers in Agile – Scrum and improved transparency using dot voting estimation	
	Arizona State University ^{AZ} <i>Student Developer</i>	October 2016 - March 2018
	• Developed scalable Rest APIs for the application portal of Arizona State University used by 100K+ applicants every year	
Experience	• Reduced human data entry errors by 70% by using Optical Image Recognition on student transcript uploads	
	Accenture ^{INDIA} <i>Associate Software Engineer</i>	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	Walmart Merchant Technology Quarterly Bravo Org Award and 3 Cheers Peer Award	
	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)	
Academic Projects	Show Me Related Research (Neo4j, MongoDB, Spring Boot, VueJS)	
	Web app for visual interrelation model using Graph DB for related research papers. Data scraped from 10+ research publications	
	Homebrewed (NodeJS, VueJS, MongoDB)	
Academic Projects	B2C Platform to build digital restaurants using integrated ordering, rating, and delivery for home kitchens	