



Aditi Panwar

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Summary

Product Technologist with 5 years developing and delivering large-scale cloud storage systems at Oracle. Led cross-border teams across the US, Mexico, and India to deliver 40+ new regions, while resolving reliability issues and aligning engineering teams with 100+ enterprise customers. Now pivoting into Product Management to bring this technical depth and customer-facing experience to product strategy.

Professional Experience

Software Developer | Oracle Cloud Block Storage | Bengaluru

- Scaled OCI Block Storage availability across 60+ regions, leading substrate region-build efforts across 40+ regions and coordinating execution across teams in the US, Mexico, and India.
- Drove end-to-end execution of Block Storage region builds, coordinating first-mile activities, build-out goals, last-mile tasks, dependencies, and failures to ensure readiness for regional Go/No-Go milestones.
- Coordinated regional launches across 6+ dependent engineering teams, including encryption, bare-metal provisioning, substrate, identity/authentication, and database services, resolving blockers along the critical path.
- Identified a major scalability bottleneck where configuring Block Storage applications required 70+ engineering hours per region; independently designed and implemented dynamic configuration automation to eliminate the recurring manual effort.
- Established retrospectives across 14+ region builds, analyzing build time, issues faced, and recurring pain points to identify opportunities for improving subsequent launches.
- Surfaced ~40 bugs and improvement opportunities through retrospectives across 14+ region builds, using recurring failure patterns to inform engineering prioritization and driving long-term fixes that addressed ~30% of bug tickets, contributing to higher build success rates and reduced manual intervention.
- Analyzed customer, internal, and auto-cut reliability issues to identify recurring Block Storage pain points, synthesizing issue frequency and trends to inform engineering prioritization.
- Served as the first line of defense for 1,000+ service reliability issues across 100+ enterprise customers, resolving conflicts, aligning customer expectations, and coordinating engineering response toward timely resolution.
- Mentored 4+ engineers on region-build activities and standardized region-build documentation and runbooks, enabling more independent execution and improving onboarding for new team members.

Software Developer | Oracle Cloud File Storage | Bengaluru

- Improved OCI File Storage performance by contributing to MDD, a caching capability addressing NFS operation latency; the capability reduced latency by ~75% in most cases.
- Contributed to MDD's development and validation, building testing infrastructure and a reusable wrapper that was later adopted by other projects, improving consistency and scalability of validation.
- Collaborated across the File Storage engineering team on MDD implementation and bug resolution, helping translate the design into a working caching capability.
- Presented the MDD design to the India engineering team, communicating the technical approach and supporting alignment during implementation.

Education

Bachelor's of Science in Computer Engineering – *University of Illinois at Urbana-Champaign* | USA

Accomplishments and Awards

- Awarded a \$40,000 equity grant following an “Exceeds Expectations” FY25 performance rating

Co/Extra-curricular

- Placement Cell Member, Product Management Club – Support IIMA PGPM students with PM placement preparation
- Augmented Reality Intern, Health Care Engineering Systems Center - Designed and built an AR electromyography training tool for OSF Hospital to improve medical training workflows
- Marketing Director, Women in Electrical and Computer Engineering - Led marketing and branding initiatives, organized campus events, and strengthened cross-departmental partnerships
- Silicon Valley Workshop, Technology Entrepreneur Center - One of 25 selected to learn startup fundamentals directly from leading tech CEOs in Santa Clara and San Francisco