

# Abhibhaw Asthana

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Product Manager with 3 years of experience building developer and infrastructure platforms. Currently owning Devtron's GPU orchestration platform (0→1) and Kubernetes-native deployment tools used by enterprise DevOps and AI/ML teams. Background in engineering (co-founded a B2B SaaS startup, shipped 37 production apps) gives me the ability to go deep on technical trade-offs while staying focused on customer outcomes.

## EXPERIENCE

- Devtron** Gurgaon, India  
*Product Manager* May 2023 – Present
  - GPU Orchestration Platform (0→1):** Identified that enterprise AI teams were waiting days for GPU notebooks and weeks to deploy models because infra teams manually provisioned everything through tickets. Defined and owned a self-serve GPU lifecycle platform, covering cluster onboarding, team-level GPU quotas, notebook provisioning, training job submission, and one-click model deployment (via kServe, vLLM, Triton). Designed the governance layer (RBAC, admission webhooks, quota enforcement) so infra teams set guardrails while AI teams move independently. Resulted in 80%+ reduction in GPU-related infra tickets.
  - Trial-to-Conversion Funnel:** Analyzed drop-off data and ran customer interviews to find that onboarding friction, not product gaps, was the primary conversion blocker. Redesigned the free-trial flow with guided setup and activation checkpoints, resulting in **4× increase in inbound leads** and **33% reduction in POC-to-conversion time**.
  - Approval & Change Management Workflows:** Discovered through 15+ enterprise interviews that compliance and change-management workflows were a gap. Delivered multi-level approval workflows, policy-based deployment gates, and environment-scoped governance, which became a key differentiator in enterprise sales cycles.
  - Debugging & Root-Cause Analysis:** Built a LLM powered debugging agent which analyses cluster event, microservice context and surface actionable remediation suggestions for deployment and config errors. Reduced mean time-to-resolution for the most common deployment issues.
  - Product Analytics & Activation:** Defined activation, MAU, retention, and feature-adoption metrics in PostHog. Built funnel dashboards to track self-serve success; used drop-off insights to prioritize roadmap bets, e.g., identified that users who completed a first deploy within 20 min had 3× higher retention.
- BharatPe** Gurgaon, India  
*Software Development Engineer* Mar 2022 – May 2023
  - Every database query and infra change required manual intervention by a small DevOps team, creating a bottleneck across engineering. Built an internal self-service portal with RBAC and audit logging so teams could safely run routine operations without filing Jira tickets. Processed **20,000+ requests** and cut average resolution time from **14 days to 17 minutes**.
- Gepton – B2B SaaS Startup** Remote  
*Co-Founder & CTO* Aug 2020 – Mar 2022
  - Co-founded a dev agency turned product studio. Worked directly with SMB founders to translate vague business problems into scoped product requirements, crafted solutions including payment dashboards, e-commerce platforms and ERP solutions. Delivered **37 production applications** in under 18 months with a team of 5 by establishing repeatable dev and delivery processes.

## EDUCATION

- National Institute of Technology, Rourkela** Rourkela, India  
*Bachelor of Technology (B.Tech)* July 2019 – June 2023

## SKILLS

- Product:** Discovery, roadmap planning, PRDs, prioritization frameworks, A/B testing, funnel analysis, stakeholder management
- Domains:** GPU/AI infrastructure, model training & inference (kServe, vLLM, Triton), Kubernetes & container orchestration, CI/CD, deployment workflows, approval & governance systems, self-service developer platforms, cost optimization, platform engineering
- AI/ML:** GPU lifecycle management, training job orchestration, inference serving, GPU quota & utilization tracking, MIG/time-slicing, LLM integration, Agent Development and Orchestration
- Engineering:** Go, Python, JavaScript/TypeScript, React, Node.js, REST APIs, PostgreSQL, MongoDB, Kubernetes
- Tools:** Jira, PostHog, Google Analytics, SQL, Kubernetes, Docker, NVIDIA GPU Operator, Prometheus, Figma, Git

## PROJECTS

- Project Avocado – Institute Counselling App:** Built a counselling service app for NIT Rourkela reaching 2,000+ daily active users. Open-sourced the project (100+ GitHub stars); featured on Google Dev Library.
- Project Drona – AI-first Learning Platform:** Designed an adaptive mock-exam product for 11plus students that personalized question difficulty based on performance, improving engagement and reducing manual effort for tutors.