

TREYA GUPTA

Product Designer | Cloud Infrastructure and AI Platforms | B2B SaaS

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SUMMARY

Product designer with 2+ years on Couchbase Capella, a cloud database platform, designing observability and AI infrastructure for developers, SREs and platform admins. I work on the system underneath the screen: inheritance rules, role permissions, cost constraints and failure states. I prototype in working code, from interactive HTML to the production codebase, so engineering builds from something real.

EXPERIENCE

Product Designer | Couchbase, Capella Platform

Jan 2025 - Present

- **Modeled a three-level alert inheritance system** (organization, project, cluster) across nine RBAC roles before drawing a screen, catching an override contradiction that would have forced an engineering rebuild, plus a threshold data bug before build. Phase 1 is now in engineering build.
- **Designed in-console log viewing under a per-query cost constraint** for App Services: explicit Apply filtering, manual refresh and capped downloads. Proposed narrowing the scope from two levels to one so configurations could not drift out of sync.
- **Led UX for native OpenTelemetry export** of operational cluster metrics and logs to tools such as Datadog and New Relic. Authored the phasing doc that tracked scope reversals and open conflicts, and joined enterprise customer calls with the PM.
- **Eliminated an engineering milestone** from a 58-ticket, 8-milestone plan for a serverless AI model service, by showing in an interactive prototype that a model-details screen could become an expandable row.
- **Built the MCP server UX directly in the production codebase** using AI-assisted development, raised the PR and iterated by commit until about 95% of the UX was final before handing off to engineers. It was our team's first design process rebuilt around AI.
- **Cut configuration checks from 3 clicks to 0-1** on the operational cluster list, with 100% data parity, by resolving three competing layouts into one information hierarchy.
- **Reduced design-to-handoff rework from 5-6 iterations to 2** across 20+ efforts by replacing static comps with prototypes carrying component annotations and engineering flags.
- **Built Capella's first self-guided onboarding** for App Services, adopted by about 125 first-time free-tier users.

Product Design Intern | Couchbase, Capella Platform

Jul 2024 - Jan 2025

- **Redesigned Day 0 cluster creation** for a surface serving about 19.7K accounts and 32.9K page views: node and service configuration, cluster summaries, and review and validation flows.
- **Drove design-system standardization** across Query Editor, table grids, top navigation and the modal-to-side-sheet conversion.

UX Design Intern | Sanspots Investments

Jan 2024 - Jun 2024

- **Ran 25 user interviews and usability tests** to ground a full website redesign, led solo across stakeholders in seven departments.

UX Design Intern | eQ Technologic

May 2023 - Jul 2023

- **Lifted cross-device engagement about 15%** on an enterprise analytics product by reversing the mobile-first default with device-usage evidence; produced about 63 mockups and handoff documentation.

SKILLS

Design Product and interaction design, information architecture, systems thinking, design systems, data-dense UI, developer experience

AI product design Agent access and permissions, model availability and failure states, AI-assisted prototyping

Methods User interviews, usability testing, journey mapping, heuristic analysis, decision logs, phasing docs

Tools Figma, HTML and CSS prototyping, Git and GitHub, Claude Code, Pendo, Jira

EDUCATION

B.Des in User Experience Design | MIT Institute of Design, Pune | CGPA 8.09

2020 - 2024

PUBLICATIONS AND RESEARCH

"A Conversational Interface Against OCD" | 20th HWWE International Conference

2022

- **Interviewed 37 people worldwide living with OCD** to ground the design strategy; explored wearable IoT for real-time data collection.