

Teja Minnikanti

Product Designer, design systems and enterprise workflow tools

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Product designer on dense enterprise web applications: maintenance scheduling, safety-critical workflows, and a platform component library I author in Figma and ship as code. Four years in design including internships, and on the platform design system since October 2024.

I architect, build, implement, document, and maintain the system and the governance around it: readiness gates, export rules, and machine-readable manifests that let tooling consume the library. I have worked AI into design delivery since 2025, from first evaluating the tools for my team to building with Claude Code and MCP and teaching the method across design, product, and documentation.

EXPERIENCE

Innovapptive Inc

Hyderabad, on-site · Aug 2024 to present

User Experience Designer

Jun 2026 to present

Associate User Experience Designer

Feb 2025 to May 2026

User Experience Intern

Aug 2024 to Jan 2025

Platform design system, sole author

- Built and shipped the platform design system as framework-agnostic web components in HTML, CSS, and TypeScript, with generated Angular and React adapters, published as three versioned packages, so components survive a framework change without a rewrite.
- Shipped a 277-token foundation across colour, typography, spacing, border, and elevation on a three-tier primitive, semantic, and component taxonomy, published as CSS custom properties and machine-readable JSON.
- Made the system consumable by AI tools, pairing a machine-readable catalogue with an MCP server so assistants query real components and tokens instead of inventing lookalikes.
- Wrote the governance and the documentation: an eight-gate readiness checklist with public exports gated on acceptance, a canonical setup guide, and a developer handoff covering Git branch strategy, component anatomy, mandatory stories and tests, and public API exports.
- Gated accessibility on manual keyboard and focus evidence, not scans alone, and found seven contrast regressions a sampled check had missed, two of them the system's own tokens.
- Audited a consumer application of 3,292 files and 12,839 colour uses, then ran the migration: 5,189 literal colours replaced across 428 files, lifting stylesheet token coverage from 49 to 62 percent and the dark-mode-ready share from 16 to 35 percent, with no palette value changed.

AI practice, adopted 2025, now owned for the design org

- Ran the team's first evaluation of generative design tools, testing them against real product work, then told leadership the realistic gain was five to ten percent, not the fifty to seventy being claimed, and recommended accordingly.
- Bought and proved the toolchain myself before proposing it, wrote the recommendation for the design org, and delivered engineering work, refactoring oversized Angular components across seven build-verified commits.
- Taught the method beyond design through a company workshop and an internal talk on shipping to production, and run a nineteen-agent delivery crew of my own with named review gates and over 140 reusable workflow skills.

iMPS, intelligent maintenance planning and scheduling

- Led design for a planning product for asset-intensive plants running SAP, Maximo, or Oracle EAM: it turns a work-order backlog into a committed weekly technician schedule, every placement validated against readiness, certification, leave, capacity, and downtime. Owned the information architecture across four modules.
- Designed the AI scheduling layer and the model of human control around it: AI annotates but never withholds work, nothing reaches the board until the planner confirms, every AI outcome names the evidence it matched and the alternative it beat, and approval moved to a retractable decisions rail separating choices a planner can undo from facts they can only act on.
- Delivered the prototype and the written specification behind it: four module requirement documents, an API contract covering 98 endpoints, a thirty-entity data model, and nine state machines.

EHS, safety permits and job hazard analysis

- Pulled into permits partway through, then grew into owning EHS end to end: permit to work, job hazard analysis covering layout, templating, AI form filling, and user journeys, and isolation and lock-out procedures.
- Directed AI coding agents to implement my designs inside the engineering team's repositories, reviewing every change before push: nine feature branches across seven workstreams and five tickets, on the team's Git sprint-branch, commit, and lint conventions.
- Verified my work on the live product rather than in mockups, driving each flow on a QA tenant and an iOS simulator, and found defects code review had missed, including a counter that reported every mobile-written safety answer as blank. Enforced reuse in code, rejecting a hand-built table until the feature was rebuilt on the shared package.

EARLIER EXPERIENCE

- UX Designer Intern, Imaginaria Technology Solutions, Pune

Oct 2023 to May 2024

Shipped client work across Germany and India: interface design for the id-x platform at Calidat, a German automotive quality software firm, including its product logo, and web and brand work for Vayve Mobility, now maker of India's first solar car.
- UX Designer Intern, Zemoso Technologies, Hyderabad

Mar 2021 to Mar 2022

Designed interfaces for projects built by full-stack developer interns, which is where the habit of designing to what a developer can actually consume started.
- Graphic Designer, ZettaMine Technologies, Hyderabad

Apr 2019 to Sep 2019

Owned a digital campaign for an AI and machine learning programme run with IIT Warangal, from plan through execution to measurement, and a second campaign for the firm's recruitment business. Sales up ten percent.

EDUCATION

- Master's, User Experience Design, Srinivas Institute of Technology, Mangalore

2022 to 2024
- Bachelor of Fine Arts, Photography, Sri Venkateshwara College of Fine Arts

2020

AWARDS AND SKILLS

- Rising Star Award, Innovapptive, 2026 · CEO's Lion Mode Award, Innovapptive, 2025
- Design: Figma, design systems, design tokens, component libraries, prototyping, interaction design, information architecture, accessibility. Build: HTML, CSS, JavaScript, TypeScript, Storybook, web components, Git branch and ticket workflow. AI-directed engineering: Claude Code, Codex, MCP, agent orchestration. I direct AI agents to implement designs in Angular, React Native, and TypeScript codebases, then review, verify, and ship; I do not hand-write production code. Domain: enterprise SaaS, maintenance planning and scheduling, EHS safety workflows.