

Atharva Dnyanmote

Sr. Product Designer • Enterprise SaaS • AI-Native Workflows

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Professional Summary

Product Designer with 4+ years shipping **0-to-1 enterprise SaaS** across 18 U.S. states, with a proven record of **98% cost reduction**, **38% faster handoffs**, and **32 WCAG 2.1 AA & Section 508 violations remediated**. Specializes in **AI-augmented workflows** (Claude Code, Figma Make, Cursor) and **3 academic papers published**.

Experience

NorthQuad — Product Designer

Sept 2024 – Present

- **Cut lab results review cost by 98%** (\$3.92 to \$0.09 per result) designing an AI-assisted quality review tool in Claude Code & Figma that automatically flags discrepancies between lab submissions & test records, replacing a fully manual process.
- **Led 0-to-1 product design for 120Water Sample Manager** using Claude Code, Figma & Figma Make throughout – a water compliance platform now live with **15 organizations across 18 U.S. states**.
- **Designed AI-powered lead pipe identification tool** saving \$150-\$200 per line in excavation costs, prototyped in Claude Code & Figma, demoed live to sales & company leadership.
- **Accelerated design-to-engineering handoff by 38%** shipping **20+** token-based component design system for Sample Manager's task management, facility tracking & compliance scheduling.
- **Remediated 32 WCAG 2.1 AA & Section 508 violations** in Sample Manager's component library, unlocking public-sector procurement for government utility customers.

Purdue University — Product Designer, Research

Jan 2023 – May 2024

- **Published peer-reviewed research at ACM SIGACCESS ASSETS 2024** on inclusive UX for photosensitive users, leading **7** co-design workshops with neurodivergent participants, producing prototypes, journey maps & design guidelines adopted into ACM publication.
- Executed multi-method research program spanning co-design sessions, contextual inquiries, observations & in-depth interviews across **3** studies, generating insights that shaped research publications & product guidelines.
- Co-authored 19-page SSRN publication on digital identity & civic data ownership, applying human-centered design methods to credibility systems for underserved populations.

Griffith Foods — Product Designer

Aug 2023 – Dec 2023

- **Cut technician lookup time from 4 minutes to under 12 seconds** (15% efficiency gain) designing AI-enabled troubleshooting tool in Python, Figma & ChatGPT, grounded in **16** field interviews across **4** factory sites.
- Eliminated scope ambiguity before design began, synthesizing **16** technician interviews into user archetype & prioritized requirements aligned with VP-level stakeholders.

SAP — Product Designer

Nov 2021 – Jul 2022

- **Raised new-hire task completion by 25%** across **5** global offices (India, Germany, U.S.), designing SAP's enterprise onboarding system & self-serve resource hub for Fortune 500 B2B SaaS at global scale.
- Owned end-to-end product design for SAP Sales Cloud (campaign setup, target groups, lead tracking) with Figma-to-Jira handoff; audited SAP Fiori against WCAG 2.0 AA & Section 508, remediating screen reader patterns across **50+** enterprise UI components.

Academic Publications

“Not Only Annoying but Dangerous: An Ecology of Protections for Photosensitive Users”

ACM SIGACCESS ASSETS 2024

“Data Ownership and Validation in Civic Life: Can Online Content Vouch for a Person's Credibility?”

SSRN Preprint, 2024

“Who Can Play?: Analyzing Pre-Purchase Accessibility Information for Video Games”

SECAC 2026, Winston-Salem, NC

Education

Purdue University – M.S. in Computer Graphics Technology, User Experience Design

May 2024

University of Mysore – B.Des. in Human Centered Design

Aug 2021

Skills

AI & Technical: Claude Code, Figma Make, Cursor, GitHub Copilot, ChatGPT, HTML/CSS, JavaScript, Python, GitHub

Design & Research: Product Design, Interaction Design, Design Systems, Prototyping, Wireframing, WCAG 2.1 AA, Section 508, Information Architecture, User Interviews, Usability Testing, Co-design, Contextual Inquiry, Journey Mapping, Affinity Mapping, A/B Testing

Tools: Figma, FigJam, Miro, Axure, Adobe XD, Adobe Suite, Jira, Confluence, Zeplin, Tableau, Power BI, Google Analytics