Muhammad Waseem Thameem

New York City Metropolitan Area | 716.247.9994
wseem.com | muhammadwaseemthameem@gmail.com

Design Engineer with 3+ years of experience shipping product UI and design systems in code: focused on microinteractions and interfaces for AI agents.

EXPERIENCE

Frontend Engineer, BoardBonsai **Feb 2026 – Ongoing //** New York, NY

- Built and shipped boardbonsai.com end to end in React, TypeScript and Tailwind, with GSAP-timed scroll animations and microinteractions and a library of reusable, typed UI components
- Raised the Lighthouse performance from **44** to **93** through responsive image handling and asset optimization
- Ship fixes and updates after launch, keep the site fast and stable, and serve as the client's direct technical lead

UX Developer Intern, Kaleida Health **Jan 2025 – May 2025 //** Buffalo, NY

- Led frontend development within a team of five, architecting a React + TypeScript component library of **15+** production-ready UI components to build a **SaaS ERM dashboard** deployed across Western New York's largest non-profit healthcare network of **11,000+** employees [Demo Day Post]
- Rebuilt the **ERM frontend** from a legacy app into an accessible, WCAG-compliant UI documented in Storybook

Product Designer, Deeva **Nov 2021 – Feb 2023 //** Remote

- Delivered **end-to-end** UI for a 0-to-1 international ethnic-wear B2C marketplace app for women, contributing to **20,000+** app downloads and a **$90,000** investment secured on **Shark Tank**
- Built a component system from scratch with design tokens, variables and reusable UI patterns, enabling consistent, maintainable UI across the app as the product scaled [Post with CEO]
- Owned Deeva's brand, social and marketing design across the app launch and Shark Tank press cycle

PROJECTS

[nexcanvas.vercel.app] **NexCanvas,** Infinite Canvas AI workspace

- Built a client-only infinite canvas where one click expands a node into three AI-generated children, streaming into each in parallel, with each child's prompt carrying its parent and grandparent text so branches build on their lineage
- Eliminated render stutter at high token rates by batching streamed updates with requestAnimationFrame and memoized nodes, plus a replay mode so the site works without an API key

[idlejet.com] **IdleJet,** CLI To Identify Unreachable Screens

- Architected a zero-dependency **TypeScript** CLI tool (**npx idlejet**) that uses local AI coding agents (**Claude Code**, Cursor) to map link graphs and flag unreachable screens, dead ends and navigation loops with fixes
- Engineered a custom graph layout renderer producing SVG transit map-style navigation diagrams and interactive web viewers; operates entirely offline without server infrastructure, backed by **124 unit tests** and a **Next.js** site

[swarmingdots.vercel.app] **Swarming Dots,** Dynamic Typeface Loading State Component

- Engineered an interactive **React** visual indicator converting ambient particle fields into readable text; mapped target particle coordinates using **Geist Pixel Circle** font matrix grids
- Shipped an interactive web demo with a modular, open-source component structure

SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, Semantic HTML, CSS, TailwindCSS, Radix UI, Material UI, React Flow, Three.js, WebGL, GSAP
Tooling: Git, Vercel, Storybook, Lighthouse, Chrome DevTools, Cursor, Claude Code, Codex, v0, Gemini API
Practices: Component Architecture, Design Systems, Web Performance, Responsive Design, WCAG 2.2, Figma

ACHIEVEMENTS

- Won ETHGlobal NYC in 2025 (LenZ, a Web3 content platform with creator microtipping) and 2026 (Pinch, an agentic WebXR robot teleoperation system with on-chain bounty mechanics)
- Mentored at 4 hackathons; part of the design team in 9 college clubs at SRM University

EDUCATION

State University of New York at Buffalo M.S. in Computer Science, AI/ML
SRM University B.Tech in Computer Science