

# Mustafa Ahmed

+1 (713) 515-9834 | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Mustafa.ai](#) | Kenmore, WA

## PROFESSIONAL EXPERIENCE

---

### Microsoft

Redmond, WA

*Technical Program Manager Intern*

May 2024 – Aug 2024

- Led end-to-end delivery of birthday messaging and notification feature, writing a comprehensive PRD including competitive analysis, feature alternatives, telemetry requirements, compliance documentation, and delivery timelines
- Owned 100% of product roadmap and prioritization decisions, condensing initial scope into an MVP based on OKRs and engineering timeline constraints
- Navigated compliance approval process, coordinating with engineering and design teams to achieve Ring 1 deployment (initial testing ring) within internship timeline
- Defined telemetry strategy, specifying which feature components to measure and justifying metrics for post-launch adoption analysis and performance monitoring
- Facilitated cross-functional collaboration including engineering standups, sprint planning, bug bashes, and stakeholder alignment sessions with design and compliance teams
- Conducted investigative analysis of Phone Link onboarding flow, identifying user friction points and proposing improvements to reduce drop-off during device pairing
- Collaborated with engineering partner to balance technical feasibility with product requirements, making real-time tradeoff decisions throughout development cycle
- Presented feature vision, progress updates, and compliance readiness to product leadership and cross-functional stakeholders in formal review settings

### Capital One

McLean, VA

*Software Engineer Intern*

Jun 2023 – Aug 2023

- Monitored governance compliance across Capital One web properties using New Relic, building dashboards to track API performance and data quality across multiple internal systems
- Analyzed alert data and tuned monitoring thresholds to reduce false positive rates, improving signal quality and operational efficiency for compliance and engineering teams
- Delivered technical presentation on system architecture and monitoring strategy to demonstrate understanding before implementing dashboard changes

### Washington University in St. Louis

St. Louis, MO

*Introduction to Computer Science Teaching Assistant*

Sep 2022 – Dec 2022

- Supported 600+ students in coursework and debugging; simplified complex CS concepts into clear, approachable explanations during office hours and lab sessions

## PROJECTS

---

**Mustafa.ai** | [Live Site](#) | *Next.js, Supabase, TypeScript*

2026

- Engineered a reactive professional dashboard to replace static archives with real-time data fetching; architected a custom CLI (terminal overlay) for system-level navigation.

**Orbit** | [Live Site](#) | *React, TypeScript, Three.js (R3F), Vite*

2026

- Shipped a single-project task canvas where work sits on workflow spokes toward a central sun, with deadline urgency expressed through color and motion plus an alternate list view.

**Altar** | [Live Site](#) | *React, TypeScript, Tailwind CSS*

2026

- Built and launched a minimalist focus ritual web app that helps users commit to distraction-free deep work through a timed, immersive session flow.

## TECHNICAL SKILLS & FELLOWSHIPS

---

**Languages:** Java, Python, SQL, TypeScript, HTML/CSS

**Frameworks & Libraries:** Next.js, React, Three.js (R3F), Streamlit, Framer Motion, Tailwind CSS

**Tools & Infrastructure:** Git, Supabase (PostgreSQL), Vercel, Vite

**PM Competencies:** Agile/Scrum, PRDs, Roadmapping, Telemetry Strategy, OKRs/KPIs

**Fellowships:** Apple Pathways, Jane Street FOCUS, MLT, Pinterest Engage, Meta ABCS, ColorStack

## EDUCATION

---

**Washington University in St. Louis**

St. Louis, MO

*Bachelor of Science in Computer Science*

Aug 2021 – Aug 2025