Mrithunjay Tanish Shanmuganand

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Skills

Product: Product Discovery, User Feedback, Feature Prioritization, Cross-Functional Team Leadership, Stakeholder Management, Nonprofit Partnerships, Fundraising
Technical: Python, TypeScript, SQL, React, Next.js, Flask, FastAPI, MongoDB, PostgreSQL, Azure, Git, GitHub Actions, LLM APIs (Gemini, Cohere)
Spoken Languages: English (Native), Spanish (Full Professional), Tamil (Professional Working)

Education

Bachelor of Science in Informatics (Software Development & HCI) Expected June 2030
University of Washington *Seattle, WA*
Minor in Computational Finance and Risk Management

Experience

Founder & President Oct. 2023 – Present
StuImpact *Seattle, WA*
- Led $100K+ in funded programs connecting students with mentorship and career opportunities.
- Built and managed partnerships with 20+ nonprofit organizations to expand program reach.

Undergraduate Project Lead Jul. 2025 – Feb. 2026
University of Washington, Sensors, Energy and Automation Laboratory *Seattle, WA*
- Led a 5-student team from proposal to deployment of a reimbursement automation tool, securing approval from UW's Student Technology Fee committee.
- Reduced financial-form completion time by 70% for 80,000+ UW stakeholders with automation that pre-fills forms and flags policy violations.
- Scaled the tool to 30 student organizations and cut new-member onboarding from 20 minutes to 5 by setting up team workflows and documentation.

Feature Lead Jun. 2023 – Jan. 2024
Cledge *Seattle, WA*
- Owned the admissions and financial-aid feature from build to release, improving AI counseling workflow efficiency by 30% across 3 integrated platforms.
- Cut production bug turnaround from 2 weeks to 1 by introducing structured debugging and testing protocols across a 4-engineer team.

Projects

OpenPath Feb. 2025 – Present
- Expanded free teaching resources for 20+ grassroots nonprofits by building a multi-tenant learning platform with separate workspaces and role-based access.
- Onboard new nonprofit partners in the Seattle area and in South and East Asia, and cut page load time by 80% after moving the platform to Next.js and PostgreSQL.

UWFuel Jun. 2026 – Present
- Launched a web app that turns live UW dining menus into budget-aware AI meal plans, reaching 100+ students in its first 3 weeks.
- Collect feature feedback in person from first-year students to decide what to build next.

AgentLens Jun. 2026 – Present
- Built a scouting tool for soccer agents and smaller clubs that profiles players from match event data, tracks them in match video, and scores how well they fit a club's style and role needs.
- Gathered input from player agents throughout development to shape what the tool evaluates.