Akhila Harshini Gadamsetty

Atlanta, Georgia | ahgadamsetty@gmail.com | linkedin | Portfolio

Education

Georgia Tech, Atlanta Aug 2026 – May 2028
MS, Human-Computer Interaction

Vellore Institute of Technology (VIT), Vellore Sep 2022 – Aug 2026
B.Tech, Computer Science & Engineering

Experience

Bravo17 (Contractor for U.S. Department of State) – UX Researcher and Designer Aug 2026 – Current
Industry Sponsor

- Led user research and design discovery for a manual Qualtrics reporting workflow (5 hours per cycle, 13,000 respondents, 40+ application reports), framing opportunity areas and 50+ research questions as part of 4-person team
- Planned and conducted contextual inquiries and 10+ interviews across 5 stakeholder roles to map end-to-end user flows and pinpoint bottlenecks. Informed design decisions with competitive analysis.
- Translated findings into prioritized design recommendations and an automated pipeline that reduced report generation with minimal manual intervention and scales to new applications without code changes

Taxilla – Backend Engineering Intern Jan 2026 – Jul 2026

- Sole developer of a new API usage metering feature; gathered requirements through cross-functional collaboration with 4 engineers and stakeholders and developed 4 features in 6 months
- Designed a configurable event-mapping framework and custom query language, returning usage lookups in <450 ms across 1 million events
- Built Kafka ingestion pipeline (Kotlin, Quarkus, PostgreSQL/TimescaleDB) sustaining 20+ events in load tests

Volta Cabs – UI/UX Design Intern Jun 2025 – Jul 2025

- Designed 10 responsive web and mobile screens in Figma across 2 flows to improve the customer experience; built 3 clickable prototypes for developer handoff
- Supported website redesign research by reviewing competitors and auditing 20+ pages, producing design recommendations
- Practiced the full design cycle (research, wireframing, prototyping, design critiques) in a fast-paced, 4-person product team

Projects

AgroPulse – Smart Crop Monitoring Platform Aug 2025 – Dec 2025

- Designed 7 core features and interactive 3D TouchDesigner visualizations from secondary research and user personas, letting non-technical smallholder farmers monitor crop health at a glance
- Trained a CNN on 1,000+ tomato plant images to classify 5 growth stages at 95.6% test accuracy, then iterated on the interface through 20+ rounds of feedback from advisors

Intergenerational Connection Across Language and Culture Aug 2026 – Present

- Researching and designing a platform that helps long-distance grandparents and grandchildren stay connected across language and cultural barriers, grounded in 10+ interviews, 2 contextual inquiries, and a literature review
- Defined 5 design requirements (multilingual support, cultural exchange, low learning curve, multi-channel use, accessible modalities) from user findings and a gap analysis of 6 existing systems, now guiding concept ideation and prototyping

Skills

- **UX/UI Design:** Figma, Adobe XD, Wireframing, Interactive Prototyping, High-Fidelity Prototypes, User Flows, Interaction Design, Visual Design, Responsive Design, Accessibility Design
- **Design Research Process:** User-Centered Design, Design Iteration, Design Critiques, Usability Testing, Cross-Functional Collaboration
- **UX Research:** User Research, Contextual Inquiry, User Interviews, Surveys, Competitive Analysis, User Personas, Empathy Maps, User Journey Mapping, Stakeholder Mapping
- **Tools:** Qualtrics, Zotero, Excel, Git/GitHub, Jupyter Notebook, VS Code
- **Programming & Data:** Python, SQL, Java, JavaScript, HTML/CSS, Data Analysis, Pandas, Tableau, PowerBI, AI tools (Claude, Gemini, ChatGPT), Vibe Coding
- **Certifications:** Google UX Design Professional Certificate, Human Computer Interaction – NPTEL by IIT (Course topper), Machine Learning Specialization – Stanford University & DeepLearning.AI