

ANSUMAN SHARMA

785-371-7647 ansuman.sharma@protonmail.com [linkedin.com/in/ansuman-sharma](https://www.linkedin.com/in/ansuman-sharma) www.ansuman-sharma.com

Education

University of Kansas

Aug 2022 – May 2026

Bachelor of Science in Computer Science; Mathematics Minor

Lawrence, KS

- **Four-time collegiate math competition winner:** two first-place team finishes at the Kansas Collegiate Math Competition, two solo wins at the KU Math Prize Competition.
- **Coursework:** Data Structures & Algorithms, Probability & Statistics, Database Systems, Artificial Intelligence.

Experience

Noboru

Feb 2026 – Present

Co-Founder & Software Engineer

Remote

- Co-founded and shipped a hiking app for iOS and Android covering National Parks, trails and trip planning, owning delivery of the backend and core mobile features end to end
- Scoped and prioritized features with co-founders, broke them into phased, tracked work (for example, offline trip sync delivered as a five-phase series), and shipped to both platforms from one **React Native / TypeScript** codebase
- Delivered the cloud backend on **AWS**: a **.NET** REST API on Lambda and API Gateway over Aurora PostgreSQL with Cognito auth and paginated trail endpoints, plus offline trip editing that syncs on reconnect and protects notes from silent overwrites, backed by 250+ unit tests

Ascend Learning LLC

Nov 2024 – Feb 2025

Software Engineer Intern | *C#/.NET Core, SQL Server, CI/CD*

Hybrid (KS)

- Built and deployed RESTful APIs in .NET Core for the Faculty Course Enablement Portal, cutting faculty onboarding time by **30%** through streamlined workflows.
- Optimized SQL Server queries and stored procedures, reducing query latency and improving data reliability for core portal operations serving thousands of users.
- Delivered biweekly releases in an **Agile/Scrum** environment using version-controlled CI/CD workflows, enforcing code quality through automated test and review gates.

UiPath Inc.

Jun 2024 – Aug 2024

Enterprise Success Intern | *Python, UiPath App Builder, UiPath Orchestrator*

Bellevue, WA

- Built a centralized repository consolidating **300+** enterprise use cases from siloed systems (Salesforce, OneDrive, Excel) into a single structured, searchable reference for technical teams.
- Developed Python automation to generate customer-facing case-study decks on demand, replacing hand-building of slide decks.
- Cut production of a standard 10-slide case study from roughly **10 hours** of manual search-and-assembly to about **8 minutes**, enabling Technical Account Managers to turn around enterprise client requests far faster.

Projects

FlowLab – Data Workflow Platform | *TypeScript, Next.js, Python, FastAPI, DuckDB*

May 2026 – Present

- Built a no-code platform where analysts assemble and run ETL-style data pipelines across **30 transformation node types**, with every change recorded in an append-only operation log and every run diffable, so results stay traceable and reviewable.
- Shipped AI workflow generation and repair that proposes edits as reviewable operation batches rather than silent rewrites, keeping a human in control of every change.
- Enforced controlled execution with audited writes, multi-tenant isolation, and **270+ golden-fixture tests** gating each transformation.

Headstart AI – Document Intelligence and RAG Assistant | *Python, FastAPI, LangChain*

Feb. 2026 – May 2026

- Turned unstructured PDFs (Canvas course documents for students) into structured, machine-readable output by running native text extraction first and falling back to a vision model only on pages that need it, which cuts vision-model calls while still handling scanned and messy layouts.
- Built a retrieval-augmented generation layer (chunking, embeddings, semantic retrieval) that returns grounded answers with source labels for traceability, using LangChain for LLM orchestration and streaming responses to a Next.js dashboard behind authenticated FastAPI endpoints.

Technical Skills

Languages: Python, JavaScript, TypeScript, SQL, C++, C#

Frameworks & Tools: FastAPI, React/Next, ASP.NET Core, PostgreSQL, SQL Server, LangChain

Cloud & DevOps: Docker, AWS RDS, EC2, Cognito, GitHub Actions, Git, GitLab, Kafka

Gen-AI Tools: Claude Code, Codex