

SHRISHTI SRIVASTAVA

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SUMMARY

AI engineer with startup, research and 4+ years of software automation experience at Accenture. Built LLM tools and accounting integrations at Blaze (YC S24), an early-stage fintech startup, and a chat-assistant prototype at The Experts Tribe, a pre-seed startup. Currently researching AI support for dementia caregivers at SCU's AIM Lab.

EDUCATION

Santa Clara University - MS, Engineering Management & Leadership (GPA: 3.83/4.0) *Expected Dec 2026*
AI/ML & Computer Science focus | **Relevant Coursework:** Machine Learning; Deep Learning; Natural Language Processing; Reinforcement Learning; Data Science.

Banasthali Vidyapith - B.Tech, Electronics & Instrumentation Engineering

2015 - 2019

EXPERIENCE

Santa Clara University, AIM Lab - Research Assistant

Jun 2026 - Present

Advisor: Prof. Oana Ignat

- Contributing to MedicalQA for dementia caregivers using Qwen, BGE-M3 retrieval, and single-/multi-agent pipelines.
- Supporting human review of 225 Q&A pairs through a Supabase-backed UI with source videos, resumable ratings, and exports.

Blaze (YC S24) - Special Projects Intern, Core Engineering

Jun 2026 - Aug 2026

Early-stage fintech startup | Reported directly to the CTO and CEO

- Architected Second Brain, a self-updating knowledge base spanning Blaze's monorepo, Slack, and PRs, with Gemini synthesis, MCP access, and Cloud Run refreshes; also built secret-scrubbed employee AI-conversation tracking.
- Automated Puzzle bookkeeping with AI categorization, month-end reconciliation, safety-gated writes, and 400+ tests.
- Built the AI CFO Accounts & Reports dashboard with QuickBooks, Xero, and Puzzle integrations and agent-accessible financials.

The Experts Tribe - AI/ML Engineer Intern

May 2026 - Jun 2026

Pre-seed startup | YOKE consumer AI prototype

- Migrated YOKE's FastAPI/React prototype to Gemini and Google Places; improved the UI and added writing assistance, caching, and tests for Wingman privacy boundaries.

Accenture - Senior Analyst / Analyst / Associate

Jul 2019 - Feb 2024

- Selected automation tools in collaboration with BT EE stakeholders and led a five-person team in India/UK; earned two promotions in one year.
- Built Python/Java automation that cut manual effort by 90% and cost by 75%; scaled testing to 1,500+ scripts with 90% regression coverage.

NextGen AI4Medicine Workshop - Workflow Coordinator

Aug 2026 - Present

Organizing team | Volunteer | workshop.nextgensynapse.com

- Prioritize tasks and dependencies; help build the website and registration form, maintain planning trackers, and coordinate email communications for the workshop and MediHack.

AI PROJECTS

Beyond Flesch Research Project: Compared model quality and compute cost; LoRA-tuned Phi-3.5-mini achieved 0.872 macro-F1 vs. 0.840 baseline with 127x faster inference. [GitHub](#)

AI Career Launchpad: Built a full-stack agentic RAG platform analyzing resumes against job data for role matching, skill-gap analysis, outreach drafting using React, Express, FastAPI, ChromaDB, NVIDIA NIM, and Adzuna. [GitHub](#)

Wrist Exoskeleton: Designed and validated a 3D-printed wrist-support prototype to reduce ergonomic strain; used dual-IMU data, XGBoost (84% accuracy), and statistical testing to demonstrate 10.4% lower rotational load. [GitHub](#)

SKILLS

AI/ML & Evaluation: RAG, embeddings, ChromaDB, MCP tools, agentic workflows, prompt engineering, LoRA fine-tuning, PyTorch, Hugging Face Transformers, scikit-learn, XGBoost, Whisper, model benchmarking, human evaluation.

Engineering & Testing: Python, TypeScript, Java, SQL, FastAPI, NestJS, React, REST APIs, GraphQL, OAuth 2.0, PostgreSQL, GitHub Actions, Jenkins, API testing, Selenium, RPA, regression testing.

CERTIFICATIONS

Hugging Face - Fundamentals of LLMs | Microsoft AI PM Professional (In Progress) | Java | Selenium with Python