

Shreyash Srivastava

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SKILLS SUMMARY

- **Languages:** Python, JavaScript, C++, SQL
- **Backend:** Node.js, Express.js, FastAPI, Flask, Pydantic, REST APIs, Webhooks
- **AI/ML:** LangChain, LangGraph, RAG, AI Agents, Knowledge Graphs, MCP
- **Voice AI:** LiveKit, Vapi, Deepgram, WebRTC, STT/LLM/TTS Pipelines
- **Frameworks:** React, Next.js, TailwindCSS
- **Databases:** PostgreSQL, MongoDB, Firestore, Cosmos DB, SQLite
- **Cloud:** Azure Functions, Container Apps, Service Bus, Logic Apps, Docker, OpenTelemetry, Git
- **System Design:** Microservices, Scaling, Load Balancing, Caching, Message Queues
- **Others:** Postman, API/Unit/Integration Testing, Playwright, Azure Foundry, Azure DevOps, Product Mindset

EXPERIENCE

- **Docu3C** Seattle, US (Remote)
AI Engineer Intern (LOE) Jul 2025 - Aug 2026
 - **Marketing AI Agent:** Built and shipped a LangGraph-based agent that automated social media research, content creation, scheduling, and publishing; traced with OpenTelemetry/Arize Phoenix and evaluated with DeepEval.
 - **Microservices Backend:** Designed and implemented independently scalable backend microservices on Azure Functions and Container Apps, validated with Pydantic and unit/integration testing, cutting CPU and memory usage 50% and hosting costs 40%.
 - **RAG Document Analysis:** Built a RAG pipeline on Azure OpenAI (embeddings, TF-IDF, NMF) for 500+ page documents, cutting token usage 90% and processing time 98%.
- **GirlScript Tech** Pune, India (Remote)
Full Stack Developer Intern (LOE) Sep 2024 - Nov 2024
 - **Registration System:** Built and shipped a full-stack registration system with Next.js, TypeScript, and MongoDB, handling 28,000+ signups over 6 weeks with zero downtime.
 - **Program Leaderboard:** Built and maintained a real-time leaderboard with Node.js, Express, and GraphQL, ranking 3,000+ concurrent users.

PROJECTS

- **Iccha AI** Live — Github
Python, LiveKit, Deepgram, Groq (Qwen), Smallest.ai
 - Built a voice agent that turns a spoken interview, in any of 10 regional Indian languages, into a live storefront with menu, contact details, and one-tap WhatsApp ordering, so shop owners need no coding or design skills.
 - Benchmarked speech, LLM, and voice providers on Hindi retail speech, reaching 4x faster transcription than AssemblyAI, 82% field accuracy, and 100% valid JSON when extracting shop details.
 - Won Second Runner-Up at the Build Fast with AI Hackathon among 3k+ participants.
- **Autopay Recovery Voice Agent** Github
Python, FastAPI, Vapi, Razorpay, Deepgram, SQLite
 - Built a voice agent that calls customers moments after a Razorpay autopay fails, verifies identity, and recovers payment through an emailed link or a scheduled callback, driven by signed webhooks (HMAC-SHA256) and server-side Vapi tools.
 - Handled 10 test scenarios, including disputes, angry callers, and wrong postal codes, with no payment details shared before identity verification and a human handoff after two failed checks.
- **InfluenzeAI** Web — Product Hunt
Python, LangGraph, Azure OpenAI, Next.js, Azure Service Bus
 - Built and launched a full-stack agentic social media platform with Next.js and Python, replacing fragmented dashboard tools with one conversational AI agent, Lily.
 - Integrated 40+ LLM tools through LangGraph state machines and an event-driven Azure backend on Service Bus to automate content across 8+ channels; hit #38 Product of the Day among 700+ launches.
- **GraviSync** Open VSX — Github
Node.js, WebSocket, Chrome DevTools Protocol, TOTP
 - Built an Antigravity extension for remote monitoring of running AI agent sessions, with QR-code auth and WebSocket sync; reached 1k+ developers.

EDUCATION

- **Vellore Institute of Technology** Bhopal, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 8.9/10 Sep 2023 - Ongoing
Courses: Machine Learning, Data Structures, Analysis Of Algorithms, Databases

AWARDS & LEADERSHIP

- Top 25 Contributor, GSSoC'24 – Top 25 of 25,000+ participants; 115+ PRs merged across 10+ open-source projects.
- President, Android Club and Best Club Coordinator 2025 – VIT Bhopal