

Aman Srivastava

amansrivstv@gmail.com | linkedin.com/in/amansrivstv | +91 7524995568

Experience

Software Development Engineer II, Credgenics – Noida, U.P. April 2023 - May 2024

- Collaborated in a small team to build an in-house calling service using FastAPI, Kafka, Redis, and Asterisk in a horizontally scalable, event-driven microservices architecture.
- Developed advanced calling features such as predictive dialing, conferencing, call transfers, and merges.
- Helped design a robust system architecture and ensured it could easily support 50M+ calls monthly through scalable backend development and efficient deployment strategies.

Associate Software Engineer, Credgenics – Noida, U.P. July 2022 - March 2023

- Re-architected core microservices to improve speed, scalability, and fault tolerance; implemented Kafka consumers with multiprocessing and graceful shutdowns to enhance system reliability and resource management.
- Built real-time user metrics dashboards for calling agents, enabling better performance tracking and operational visibility across the platform.

Backend Technology Intern, Credgenics – Noida, U.P. January 2022 - June 2022

- Integrated external calling vendor into the platform using RESTful APIs, enabling seamless call operations within the Credgenics ecosystem; developed backend APIs for the calling vertical as part of an agile team, contributing to faster feature delivery and improved platform functionality.

Skills

Languages: Python, Java, C/C++, Elixir, SQL, NoSQL, Bash

Frameworks: FastAPI, Django, Phoenix, Spring, Flutter

Tools/Technologies: Kafka, Redis, PostgreSQL, MongoDB, VectorDB, LangChain, Docker, k8s, Git, Cursor

Projects

Bad With Dates Website badwithdates.fly.dev

- Built a full-stack event reminder web app using Phoenix (Elixir) and PostgreSQL, designed to help users track birthdays, anniversaries, and other recurring events with integrated email notifications and responsive calendar UI.
- Implemented features like user accounts, event management, calendar view, and mobile device friendly UI, with automated yearly email reminders sent a week and a day before each event.

Swami AI LLM Chatbot github.com/amansrivstv/swami-ai

- Built a Retrieval-Augmented Generation (RAG) chatbot using FastAPI, Weaviate vector database, and TogetherAI LLMs to deliver context-aware, philosophical responses with real-time WebSocket communication.
- Developed a cross-platform Flutter frontend and containerized infrastructure with Docker & Nginx, enabling seamless deployment across web, mobile, and desktop.

CSGO Stats Twitter(X) Bot github.com/amansrivstv/csgo-twitter-bot

- Created a CS:GO match stats bot for Twitter (X) as a fun personal project, using Python, Selenium, and Tweepy to auto-tweet my in-game performance after each match.
- Deployed on Heroku for 24/7 automation and hands-free stat sharing.

Certificates

Retrieval Augmented Generation (RAG) - DeepLearning.AI, Coursera Aug 2025

Applied Machine Learning and Data Science - Training and Internship - IIT Kanpur, Prof. Laxmidhar Behera June 2020

Education

Dr. SPM IIIT - Naya Raipur, CH – B. Tech in Computer Science Engineering (**8.64** CGPA) June 2022

DAV Public School, Kota, RJ – CBSE SSCE Class 12 (**90.7** %) 2017

St. Joseph's School, Rihandnagar, UP – CBSE SSE Class 10 (**9.0** CGPA) 2015