

AMAN SRIVASTAVA

EX SOFTWARE DEVELOPMENT ENGINEER 2 @ CREDGENICS

Profile Summary

Software Engineer with experience in Backend Systems and Architecture. Well-versed in data structures and algorithms. Previously employed as a **Backend Engineer** in **Credgenics, Noida**. Hands on experience in building scalable backend using python and tools such as async programming, multiprocessing, kafka and mongoDB pipelines.

Academic Background

B.Tech. - CSE | 2018-2022

Dr. SPM IIIT - Naya Raipur

- CGPA of **8.64**
- Member of The Society of Coders
- Member of the AIML Club

CBSE SSCE Class 12 | 2017

DAV Public School, Kota | 90.7%

CBSE SSE Class 10 | 2015

St. Joseph's School, Rihandnagar
| 9 CGPA

Skills

Languages

- Python
- Java
- C
- PostgreSQL
- MongoDB
- JavaScript

Technologies

- FastAPI
- Pub Sub
- NoSQL
- Spring Batch
- NLP
- RDBMS

Tools

- Jenkins
- K8s
- AWS
- Redis
- Docker
- Git

Contact Details

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Work Experience

Software Development Engineer 2

Credgenics, Noida | April 2023 - May 2024

- Developed Inhouse Calling system for real-time horizontally scalable event driven architecture for telecalling agents on platform. Using Redis, socket.io, Kafka and Python
- Involved in rearch of various micoroservices in the organisation to make them fast, scalable and fault tolerant.
- Worked on creating and showing various user metrics for calling agents using credgenics dialr on platform
- Built kafka consumers with multiprocessing workers and gracefull exit to increase fault tolerance and manage system resources better

Associate Software Engineer

Credgenics, Noida | July 2022 - March 2023

- Part of agile work coulture as a backend software developer in calling vertical of credgenics technology team
- Developed various scalable microservices and helped in building predictive dialing in calling service

Backend Technology Intern

Credgenics, Noida | January 2022 - June 2022

- Part of agile work culture as a backend software developer intern in calling vertical of Credgenics
- Involved in development of a bunch of cool features using CRUD apis

Projects

Realtime Insect Detection Mobile Application

Indira Gandhi Krishi Vishwavidyalaya, Raipur | May 2020

- Offline Mobile App detects and localizes soybean pests using camera
- Uses TensorFlow Lite, YOLO and Flutter

Twitter Sentiment Analysis

- Deep Learning Model built using transfer learning on BERT
- Classifies tweets into positive, negative, or neutral sentiment with commendable accuracy
- Secured 2nd Rank among 67 teams in InClass Prediction Competition on Kaggle organized by IIT-K