Aman Agarwal

Worked extensively on data-driven backend platforms leveraging distributed systems. Being a quick learner, I am looking for a fast paced startup environment to work in.

LinkedIn
amanagr.com
(+91) 821 893 2177
amana632@gmail.com
Bangalore, India

EXPERIENCE

Walmart Global Tech IDC, Bangalore

Software Engineer II   July 2021 - Present

While working with the Cashi - Mexico Wallet's backend team, I assisted in the development of the Payment Transaction Aggregation Service, the Campaign Service for handling rewards and wallet promotion, and the transformation of a monolithic architecture into a microservices architecture. I also worked on designing high-level and low-level architectures for microservices.

Software Developer Intern   Jan 2021 - Jul 2021

Worked with ASDA e-commerce data engineering team under International pillar on Informatica, Looker, Hive, SQL, Spark, and Kafka for Data Warehousing, creating ETL pipelines, and business analytics dashboards.

CodeAsylums

Entrepreneur in Residence (EIR)   Mar 2018 - Nov 2020

Worked in cross-functional roles, including marketing, sales, finance, community, operations, and technology. Led a team of 7 developers to create an LMS and hackathon platform as it entered the online market using Flask, React, and Python. Worked in establishing a community for CodeAsylums across 250+ colleges with 15k+ students.

LinuxWorld Informatics Pvt Ltd

Research Associate   Dec 2018 - Jan 2019

Automated the process of building distributed multi-node clusters in a network of various OS with face authorization and voice controls using Big Data (Hadoop ecosystem with MapReduce, Spark), Machine Learning, and Docker.

VeryFyd

Full Stack Engineer   Nov 2017 - Feb 2018

Developed a full stack application that integrated with government identity APIs to enable organizations and companies verify users with a single click.

PROJECTS

Decentralized Cloud — *Distributed Systems*   Dec 2018 - Jan 2019

Built a decentralized cloud system with Hadoop, Spark, Docker, Linux, Ethereum Classic, and Solidity that allows people to pool their resources in exchange for ETC tokens and use the resources as distributed EC2 and S3 services.

ML Simulator — *Machine Learning*   May 2019 - July 2019

Worked on making a Machine Learning Platform to simulate the whole process of data cleaning, manipulation, and various models for regression and classification.

TECHNICAL SKILLS

Languages: Java, Python, GoLang, JS, C++, GraphQL, SQL

Framework: Flask, Django, GIN, NodeJS, Spring, Spring Boot

Tools: Hadoop Ecosystem (HDFS, MapReduce), Spark, Kafka, Informatica, Looker**,** AWS, Hive, Docker

Analytics: Numpy, Pandas, Scikit, Matplotlib

System Design: Low-level, High-level, Microservices

EDUCATION

Birla Institute Of Technology, Mesra
Bachelor of Engineering

CGPA: **8.67 / 10**

CERTIFICATION

Red Hat Certified System Administrator (RHCSA EX200)

Certified with 100% score. [ID: 180-302-416]

ACHIEVEMENTS

- Winner at Hack in the North'19 organized by IIITA.
- Special Mention Award at Hack-A-Bit'19 by BIT Mesra.

HOBBIES

Chess, Theater, Guitar, Travel, Dance