Aman Agarwal

Worked extensively on data-driven platforms using distributed systems and backend development. 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.

PROJECTS

Decentralized Cloud System— *Distributed Systems*   [Dec'18-Jan'19]

Built a decentralised 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.

VeryFyd— *Full Stack Development*   [May'18-June'18]

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

ML SIMULATOR— *Machine Learning*   [May'19-Jul'19]

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, C++, GraphQL, SQL
Framework: Flask, Django, GIN, NodeJS, Spring, Spring Boot
Tools: Hadoop Ecosystem (HDFS, MapReduce), Spark, Kafka, Informatica, Looker**,** AWS(EC2, S3), 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**   [Jul'17-May'21]

CERTIFICATION

Red Hat Certified System Administrator (RHCSA EX200)
Certified with 100% score. [ID: 180-302-416]

TRAINING

LinuxWorld Informatics Pvt Ltd
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.

ACHIEVEMENTS

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

HOBBIES

Chess, Theatre, Guitar, Travel, Dance