Aman Agarwal

An Electrical and Electronics Engineer who keeps a keen interest in Full Stack Development, Distributed Systems, Open-Source world, Machine Learning, Containerization and Data Structures and Algorithms.

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EXPERIENCE

CodeAsylums, Bangalore — *Software Developer Intern*

Mar 2020 - July 2020

Worked in Developing an LMS Platform for the ed-tech startup using Flask as Backend and HTML, CSS, JavaScript as frontend. The platform is being used by around 500 students on a daily basis. Worked on a challenge platform, and also contributed by working as a mentor for Python, Big Data.

LinuxWorld Informatics Pvt Ltd, Jaipur — *Research Intern*

Dec 2018 - Jan 2019

Made a Python-Linux based script to automate the process of building distributed multi-node cluster in a network of different OS with face authorization and voice controls using Big Data (Hadoop ecosystem with MapReduce, Spark), Machine Learning, and Dockers.

EDUCATION

BIT Mesra, Ranchi — *B.E. (Electrical And Electronics Engg.)*

July 2017 - May 2021 (Expected)   CGPA : **8.61 / 10**

Padmawati Academy, Bareilly—C.B.S.E.(12th)

June 2014 - March 2016   Percentage : **80%**

PROJECTS

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

Made a Decentralised Cloud System using Hadoop, Spark, Dockers, Linux, ETC, and Solidity. Made a system in which everyone can pool his/her resources in exchange of an ETC Coin and the resources can be used as an EC2 and S3 instance.

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

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

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

Worked on making a Full Stack application that verifies the user's data through integration of external govt. APIs and that data can be further shared with companies and other users as verified data on a single click.

Technical Skills

Languages: C, C++, Python, JavaScript

Framework/Library: Flask (Python), GIN, GORM, NodeJS

Web Dev: HTML, CSS, Javascript, GraphQL

Tech: BIG Data, Dockers

Tools: Hadoop Ecosystem (HDFS, MapReduce & Spark), AWS(EC2, S3)

Operating System: Windows 10/8, Linux (Ubuntu, RHEL 7.5, CentOS)

Analytics: Numpy, Pandas, Scikit

Others: Algorithms, REST, GIT, OS

GLOBAL CERTIFICATION

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

POSITION OF RESPONSIBILITY

Pantheon'18 College Tech Fest: Worked as the lead developer for the college tech fest website.

ACHIEVEMENTS || HOBBIES

Winner- Walmart Hack organized by IIITA at HINT'19.

Special Mention Award- Hack -A-Bit 2019 by BIT Mesra.

Open Source contributor -CodeAsylums

Playing Chess and Basketball Actor, Guitarist