

Manav Bagai

Big Data Engineer

I am a computer enthusiast since High School, I have always been fascinated by the power of computations and changes it has brought to the world. A Bachelors in Technology in Computer Engineering passed out from Aligarh Muslim University and a future Masters in Computer Science Student at Arizona State University, I intend to enhance my knowledge in the area of Big Data, Devops, Artificial Intelligence, and Machine Learning. I would love to collaborate with people doing projects in these areas.



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WORK EXPERIENCE

Big Data Engineer Exadatum Software Services

11/2016 – 02/2018

Pune

Specialized Engineering Consulting firm working on highly sophisticated and complex Big Data, Cloud Computing, and DevOps solutions

Achievements/Tasks

- Engaged in Architecture and Commercialisation of complex Data Engineering solutions over Cloud.
- Worked on domains like Retail and Healthcare and technologies like Hadoop, Spark, Docker, AWS, Python, Java, Scala, Apache Nutch, Neo4J, Play Framework and Salt-Stack.
- Worked on two projects namely "Recommendation System and Chat-bot" in a four-member team and "Ingestion, Data Analysis, and Visualization of Cardiovascular Patient Data" in a three-member team.
- Actively contributed to the company products like XStream and XInterview.

Contact: Sandip Mehta – sandeep@exadatum.com

EDUCATION

Computer Engineering Aligarh Muslim University

07/2012 – 06/2016

Aligarh

Projects

- Major Project: Query Focused Multi-Document Summarization
- Minor Project: Speedahead.com, a Vehicle Management System
- Text Based Plagiarism Detection, also published a research paper on the same at IJTRE
- 8085 Microprocessor Simulator

SSSC Aligarh Muslim University

2010 – 2012

Aligarh

High School, CBSE Delhi Public School

2008 – 2010

Aligarh

SKILLS

Programming Languages- Python, Java and Scala

DevOps- Docker, SaltStack, AWS- EC2 & VPC, Jenkins

Backend Web Development- Play Framework, Django

Big Data & Analytics- Hadoop, Spark, Pandas, Numpy

Databases- SQL, Neo4J, Hive

Machine Learning- Tensorflow

NLP- Stanford Core-NLP, WordNet

Web Crawling- Apache Nutch- 1.12

Orchestration- Apache Airflow

CERTIFICATES

Neo4J Certified Developer (02/2017)

Certified by Neo Technologies, Creator of Neo4J

Functional Programming Principles in Scala (01/2018)

Certified by Coursera

Functional Programming in Python (12/2017)

Certified by Udemy

INTERSHIPS

Deep Learning Internship at Radix Softwares

Worked on various machine learning and deep learning algorithms as well as libraries like Tensorflow and Keras

Research Internship at CSIR-CDRI

Worked on a complete market analysis of Automatic Epilepsy Detection and Prediction under Dr. Sukant Khurana, a scientist at CSIR-CDRI. I have written a Medium article and a journal paper.

Web Development Internship at LearningWhileTravelling

Worked on developing a Social Discovery Platform in Django Framework.

INTERESTS

Data Science

Machine Learning

DevOps

Big Data

Data Engineering

Cloud Computing