Aditya Vikram Verma

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EDUCATION

Bachelor of Technology in Computer Science and Engineering   May 2016 - July 2020

BML Munjal University, Gurugram, CGPA: 7.84/10

PROJECTS

- **Blockchain Project**
  - Built P2P cryptocurrency simulator, designed blocks, transaction broadcasting schemes, Consensus Algorithm (2019)
- **Data Science Project**
  - Analysis of IOT based dataset and prediction of human activity using Machine Learning Algorithms (2019)
- **Could Computing Project**
  - Deployed a project using Amazon AWS services, use of EC2 S3 etc. in cloud computing course (2019)
- **Web Application Project**
  - Built a recruitment portal, designed frontend and backend with JSP, and Bootstrap framework and designing the schema of relational database in MySQL (2018)
- **Android Application Project**
  - Developed a frontend of a chat bot using Android Studio implementing Asynchronous Tasks handling, Object List handling, HTTP GET request and POST request handling JSON objects to communicate with the backend (2018)
- **Database Systems Project**
  - Developed a Schema of database for Railway Management System (2018)
- **Computer Networks Project**
  - Implemented FTP Server using python in computer networks course (2018)
- **Data Structure and Algorithms Project**
  - Coded the Dijkstra's algorithm for Open Shortest Path First (OSPF) routing protocol and developed an Interface for the demonstration of the algorithm in Data Structure and Algorithm course. (2017)

SKILLS

Technical languages: Python 3, Core and Advanced Java, C, HTML, CSS, JavaScript, Java Server Pages (JSP)

Softwares: PyCharm, IntelliJ, Jupyter Notebook, MongoDB, MongoDB Compass, Android Studio, NetBeans, XAMPP, MS-Office

Frameworks and Libraries: Pandas, NumPy, Scikit-learn, TensorFlow, Android Studio, Apache Spark, Flask

Operating Systems: Windows, Ubuntu

Languages: English, Hindi

Course Work

Parallel and Distributed Systems, Computer Networks, Database Management Systems, Analysis & Design of Algorithms, Operating Systems, Digital Hardware Design, Microprocessor based System Design, Cloud Computing Fundamentals, Wireless Networks, Big Data Analysis, Software Design Practices, Discrete Mathematical Structures, Microeconomics.