

Mohsin Husain Rizvi

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EDUCATION

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY
Master of Technology, CSE

Hyderabad, Telangana
July 2020 - Present

BBD NATIONAL INSTITUTE OF TECHNOLOGY AND MANAGEMENT
Bachelor of Technology, CSE | 8.2 cgpa

Lucknow, Uttar Pradesh
Aug 2014 - July 2018

EXPERIENCE

TRANSERVE TECHNOLOGIES PVT. LIMITED
Software Development Engineer Intern

Panaji, Goa
June 2017 - July 2017

- Real Time **GIS** data flow from Mobile to Cloud.
- Understanding on GIS, GPS and data collection in geographical formats and analytics.
- Technology- **MS.NET** and **Leaflet**.
- Role- Worked as *Transerve Data Collector* for real time data flow from mobile device to cloud service.

ACADEMIC PROJECT

GEOGRAPHICAL INFORMATION SYSTEM(GIS)

- The project is automated set of functions that provides individuals with capabilities for the storage, retrieval, manipulation and display of geographically located data.
- A visual tool for analysing land usage pattern of a region selected over large time spans using satellite imagery.
- Main Modules- **Land Cover Analyzer Land Change Analyzer Earthquake Analyzer Weather Analyzer**
- Additional Features- Geocode and Weather Maps.
- Role- Development of Land Change and Weather modules using *K-Means Clustering* and *ISODATA*. Major role in the development of GUI of the project.
- Technology- **Java, JavaScript**.
- Tools- **Eclipse, NetBeans, Scene Builder**.
- API's- GMapFX, NASA, USGS Earthquake, Yahoo Weather, OpenWeatherMap, OpenAQ, Air Visual.

SKILLS

- **Programming Languages:** Java, C, C++, SQL.
- **Operating System:** Windows, Linux.

COURSES

Operating System, Computer Networking
Design and Analysis of Algorithm, Compiler Design
Principle of Information Security, Computer Architecture

ACHIEVEMENTS AND ACCOMPLISHMENTS

- Was an Active Member of a Computer Science technical community, Computer Forum(CF) at BBD NITM.