

MANISH RANJAN

B.E. - Computer Science and Engineering
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PROFILE

I am a self-taught **Web Developer (MERN Stack)** in final year of Engineering with keen interest in **Linux** and **Computer Networking** Concepts. A regular **Hackathon** attendee with a zeal to explore new technologies. Currently focussing on exploring **open source** projects and **practical applications** of Computer Science.

EXPERIENCE

May – July'19 **Microsoft IDC (Summer Intern)** Hyderabad

Built a Diagnostic Tool for **MARS agent** (used for Backing up files and folders on Windows VMs). **Enhanced** and **Automated** the flow of getting **Diagnostic Information** with minimal customer intervention resulting in **better** Customer Service Response Time.

Dec'18 – Jan'19 **Pragyaam Data Technologies** Ranchi

Worked with another intern to make a fully functional **Customer Dashboard** for a **Local Spa Business**. **Sales Analytics** and **Data Visualization** were incorporated in the Dashboard.

Education

Birla Institute of Technology, Mesra 2016 – Present
CGPA – **8.10** (Up to 6 Semesters) Ranchi

Mothers' Pride Senior Secondary School 2015 – 2016
12th Maths Stream – **93.6%** Raipur

Holy Cross Senior Secondary School, Kapa 2013 – 2014
10th CGPA - **10** Raipur

PROJECTS AND ACTIVITIES

UnLost.ai October 2019

A web-based platform for helping people find their **lost loved ones**. This project was our hackathon product at **Hack.Moscow 3.0**. I built the whole web interface, integrated it with our AI flow and deployed it on **Azure**.

Bachao March 2019 – March 2019

An **Emergency** Mobile App which broadcasts **GPS** Coordinates even in **no-network** areas, initiates emergency contact protocol in case of any accident and lets rescuers find you easily. Technology Used – **Flutter**.

Commander February – March 2019

Android App for **Inter-Network, Cross-Platform, Real-Time** controlling of a System's **CLI**. Untraditional in its design, it uses a **VM** and **Reverse SSH** for Communication. Requirements – **Java** available on System.

Pantheon August – October 2018

Core Member of Tech Team for organising **Pantheon**. Website was live on Digital Ocean for more than **180 days** and catered to more than **1500 Registrations**. Lightweight, **scalable** and **responsive** website with **CRUD operations**, **live notifications system** and **dedicated admin panel** for privileged action on Database (**Mongo DB**).

SKILLS

- Database Management (SQL and NoSQL)
- End-to-End Website Development
- JavaScript, Python – Development
- OOPS, Web Development - Java
- Basic C/C++ - Algorithmic Coding
- Basic Data Structure & Algorithms

DEVELOPMENT

- MERN Stack (Basic ReactJS)
- REST API & Backend Programming
- Socket Programming with Java
- Windows – PowerShell
- Basic Frontend & UI/UX

AWARDS

- 4th Position at HackInTheNorth – HINT (Largest Student Organized Hackathon).

POSITION OF RESPONSIBILITY

- Lead Organiser, Tech Lead during College hackathon: Hack-A-BIT.
- Vice-President at Development Club of College- IET BIT, Mesra.
- Workshop Community Learning Programme – Teaching Group at IET BIT, Mesra.
- Core Member of Tech Team at Pantheon – Tech Fest of College.