



ADITYA RAJ

Roll No.: 2003094

Civil Engineering

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EDUCATION

- **National Institute of Technology, Patna** 2020 - Present
B.tech in Civil Engineering CGPA: 8.81
- **S.K.P Vidhyavihar** 2020
Board of Intermediate Education Percentage: 94
- **Sant Pathik Vidhyalaya** 2018
Board of Secondary Education Percentage: 95.6

EXPERIENCE

- **Overall Student Co-Coordinator** Jan, 2023
Techno-Cultural Fest
– Successfully conducted **6 days fest** with more than **70 events** along with FlashMob, Bonefire night, Prom Night, DJ Night, Band Night, Fashion Show etc.
– Coordinated in many other events like **Treasure Hunt** (400+ participants), **Eccentrica 4.0**, **DJ Night** (Collaboration with **Red Bull India**), Group of 5 events under the YUVA Utsav program of **Ministry of Youth and Affairs**, etc
- **Deodhari Yadav Construction** May-July, 2023
Internship Gaya
– Learned about detailed process of construction of **different layers of road**.
– Learned about the functions of equipments like (Backhoe, Grader, Paver Finisher) etc. on the site
- **National Service Scheme** 14-20 May, 2023
Summer Special Camp Panapur Village, Danapur
– Organised many events to encourage the village people on the following topics :- Health, National Education Policy, Yoga and Sports, Environmental Conservation, Women Health and Hygiene Awareness etc.
– **Completion Certificate of Two Years at NSS NIT Patna**

PERSONAL PROJECTS

- **POWER BI - • Online Sales Dashboard using Power BI • HR Analytics Dashboard**
– Developed an interactive online sales dashboard using Power BI to analyze and visualize sales data, providing insights into sales trends, customer behavior, and product performance.
– Developed a comprehensive HR Analytics Dashboard leveraging data visualization techniques to provide strategic insights into workforce trends, employee engagement, and organizational performance.
– Data Preparation and Cleaning, Data Modeling and Relationships, Data Analysis Expressions for Calculated Columns and Measures, Data Visualization Design, Interactive Dashboard Creation
- **PYTHON - • Sales Data Analysis during Festive Season • QR Code Generator**
– Analyzed the sales data using different libraries like Numpy, Pandas, Matplotlib, Seaborn.
– Generated QrCode of different styles with the help of libraries like qr code and PIL.
- **MS EXCEL - • Garment Shop Sales Report Analysis**
– Conducted a comprehensive analysis of sales reports for a garment shop using Microsoft Excel, resulting in actionable insights that informed inventory management and sales strategies.
– Skills:- Data Cleaning, Modification and Preparation, Advanced Excel Functions (SUMIFS, VLOOKUP, Pivot Tables, Macros), Data Visualization (Charts and Graphs)

SKILLS

LANGUAGES:- • Python • SQL(MySQL)
DATA VISUALIZATION:- • Power BI • Seaborn • Matplotlib • MS-Excel
LIBRARIES:- • NumPY • Pandas • Pytube • QRCode • Matplotlib • Seaborn
DEVELOPERS TOOL:- • AutoCAD • StaadPro • MS Office
INTERPERSONAL SKILLS:- • Leadership • Communication • Managment • Analytical • Fast Learner

POSITIONS OF RESPONSIBILITY

- **Overall Student Co-Coordinator, Techno-Cultural Fest (TCF'23)** Jan, 2023
- **Technical Coordinator, American Society of Civil Engineers (ASCE)** 2021- Present
- **Technical Coordinator, Indian Water Works Associations Student Chapter Patna (IWWA)** 2021- Present
- **Managemnet Committee Member, National Service Scheme(NSS) NIT Patna** 2020- Present

CERTIFICATES AND ACHIEVEMENTS

- **PWC Power BI Virtual Case Experience on Forage** August, 2023
- **Accenture Data Analytics and Visualization Virtual Experience on Forage** July, 2023
- **Hackerrank Basic and Intermediate SQL** July, 2023
- **JP Morgan Chase and Co. Excel Skills Virtual Experience Program on Forage** July, 2023
- **IBM SQL and Relational Databases101 by Cognitive Classes** June, 2023
- **Pratibha Samman Certificate by Prabhat Khabar** January, 2018
- **Best Student Award in School** June, 2018