

Sushant Tripathi

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EDUCATION

Vellore Institute of Technology (Bhopal,MP)

Bachelor of Tech in Computer Science

CGPA : 8.21

Aug. 2021 – Aug 2025

R.K. Memorial (Kanpur, UP)

Intermediate

70%

May, 2019 – May 2020

TECHNICAL SKILLS

Languages : C++, Python, SQL (PostgreSQL), JavaScript, HTML/CSS

Coursework : Data Structures & Algorithms, DBMS, OOPs, Computer Networks, Operating Systems

Frameworks : React, Node.js, Express.js, MongoDB, Material-UI, FastAPI

Data Tools : Microsoft PowerBI, Tableau, MS-Excel ,Apache Spark, Visual Studio, PyCharm, Git

Soft Skills : Leadership, Analytical Thinking, Communication, Presentation skills, Teamwork

Libraries : Pandas, NumPy, Matplotlib , Data Visualization

EXPERIENCE

InnoByte Services

Nov 2024 – Jan 2025

Data Analyst Intern (NumPy, Pandas, DAX, Tableau , Power-BI)

Remote

- Developed ETL workflows using PostgreSQL, streamlining data extraction and processing.
- Customized and upgraded DAX Manipulations , Power BI dashboards to meet client-specific requirements.
- Developed 4 Power BI dashboards, including a Statistical Billing Dashboard that streamlined client workflows and received client appreciation for right-first-time implementation.

Ethnus

Sep 2023 – Dec 2023

Full Stack Intern (React.Js, Node.Js, Express.Js, MongoDB, JavaScript)

Bhopal, MP

- Led backend development using Node.js & Express.js, optimizing system efficiency and scalability.Implemented JWT authentication, ensuring secure user access.
- Developed middleware for error handling & logging, enhancing system reliability. Collaborated with Front-End team for smooth API integration.

Plypicker

Feb 2023 – July 2023

Front-End Intern (React.Js, Bootstrap, HTML5, CSS3, JavaScript)

Bhopal, MP

- Designed a robust e-commerce platform using React.js and Node.js, achieving a 30% increase in user engagement and a 25% improvement in load times through code optimization.
- Spearheaded web dev initiatives, delivering a top-notch, responsive website that contributed to a 20% increase in customer retention. Optimized front-end leading to 40% reduction in initial page load time.

PROJECTS

Comprehensive HR Analytics Dashboard | SQL, Excel, and Power BI

March 2024

- Developed an HR dashboard to track employee metrics, such as attrition rate, active employees, and department-wise data, addressing workforce planning challenges. .
- Analyzed and visualized KPIs, including employee count and job satisfaction, enabling data-driven HR policy improvements.

Sportan – T20 WorldCup Data Analysis | Javascript, Pandas, NumPy, Tableau, Power BI

July 2024

- Created a Power BI report to identify top 11 players for a T20 cricket team by scrapping data from ESPN Cric info with Bright data tool, data cleaning & transformation with Pandas, evaluating player performance metrics (DAX)
- Jupyter Notebooks for analysis and tabulation, resulting in a 90% improvement in data insights. Data cleaning in Pandas, transformation in Power Query using 100% accuracy
- Identified the top 11 players for a T20 cricket team with a predicted 90% win rate based on analysis.

ACHIEVEMENTS

- Solved 300+ DSA Problems on platforms like Leetcode, GeekforGeeks.
- Delivered a compelling presentation to senior Unstop Engineers , showcasing exceptional problem-solving, innovation, and communication abilities.
- Top 10 in BITWARS 2.0 (Intra-college coding competition organised by BITbyBIT Club)