

Vishal Yadav

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Location: Bengaluru, Karnataka

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Education

Degree	Institute	Board / University	CGPA/Percentage	Year
B.Tech Mater.Sci.Eng.	Indian Institute of Technology, Jammu	IIT JAMMU	7.15	2019-2023
Senior Secondary	Shiv Shakti School, Jaipur	RBSE	80.40%	2018
Matriculation	Mohini Vidya Peeth, Singod Khurd	RBSE	83.00%	2016

WORK EXPERIENCE

Indsac Softech, Bengaluru (Dec 2023 - Present)

Business analyst

- Collaborated closely with business and product teams to establish a robust reporting infrastructure and dashboards for efficient business process management and data mining.
- Executed quantitative analysis on diverse datasets, transforming raw data into actionable insights to drive informed decision-making within the organization.
- Possessed strong analytical, organizational, and product management skills, contributing to the overall success of projects and initiatives.

Aakash Educational Services Limited, Mumbai (Jul 2023 - Sep 2023)

Assistant Lecturer of Engineering Physics

- Developed and implemented effective teaching strategies to convey complex Engineering Physics concepts in a clear and accessible manner.
- Utilized modern teaching technologies and multimedia resources to enhance the learning experience.
- Employed various evaluation methods, including exams, projects, and presentations, to assess students comprehensively

Hindustan Aeronautics Limited, Bangalore (Jun 2022 - Sep 2022)

Aerospace Manufacturing Research Intern

- Conducted in-depth analysis as an intern at Hindustan Aeronautics Limited (HAL), examining the varied manufacturing methods utilized in producing aeronautical components and systems.
- Gained valuable hands-on experience, acquiring a profound understanding of the intricate processes and methodologies employed within the aerospace industry during my internship at HAL.
- This hands-on experience provided me with a rich understanding of the complexities inherent in the aerospace industry.

SKILLS

Software	Power BI, Tableau, MySQL, MS Office
Programming Languages	Python (Pandas, NumPy, Matplotlib, Seaborn), C++, SQL
Dev Tools	Visual Studio Code, Git, GitHub
Web Development	Bootstrap, HTML, CSS, JavaScript, React.js, Node.js
Soft Skills	Team Work, Adaptability, Time Management, Problem Solving

PROJECTS

Pizza Sales Report (Oct 2023 - Nov 2023)

Project Link

- Design and implementation of a comprehensive SQL database to store Pizza sales data, ensuring data integrity and efficient retrieval for reporting purposes.
- Engineered dynamic Power BI dashboards by seamlessly integrating SQL data, providing a visually appealing and insightful representation of Pizza sales performance.

Python-Diwali-Sales-Analysis (Sep 2023 - Oct 2023)

Project Link

- Executed meticulous data cleaning and manipulation processes to ensure data integrity.
- Conducted thorough EDA utilizing Pandas, Matplotlib, and Seaborn libraries and Unearthed meaningful insights through visualizations, providing a comprehensive understanding of the dataset.
- Implemented data-driven approaches to enhance inventory planning, ensuring the seamless fulfillment of customer demands.

Hospital Management System (Aug 2023 - Sep 2023)

Project Link

- Designed and implemented a Hospital Management System with HTML, CSS, JavaScript, MySQL, Python and XAMPP control.
- Engineered a robust web application, optimizing user authentication, patient management, appointment booking, reporting, and admin control, with a steadfast commitment to data security through encryption and role-based access.

Personal-Portfolio Website (Sep 2022 - Oct 2022)

Project Link

- Created a personal portfolio website with a responsive design, leveraging a technology stack that featured React hooks, modern CSS, Swiper.js, Framer Motion, the Email.js library, and more.
- Utilized the user context hook to implement both dark and light modes, enhancing user customization and visual comfort.

ADDITIONAL DETAILS

- Successfully completed database courses through iB Hubs

Link
- Attained certification in web development from iB Hubs

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- Completed "The Data Scientist's Toolbox" course from Johns Hopkins University on Coursera

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- Security Organizing Committee Member-Annual Cultural Fest IIT JAMMU