

Aman Dhariwal

Master of Computer Application
National Institute of Technology, Karnataka

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EDUCATION

- **Master of Computer Application** 2021-24
National Institute of Technology, Karnataka CGPA: 7.24
- **Bachelor of Computer Application** 2017-20
Devi Ahilya Vishwavidyalaya, Indore Percentage: 67.14

PERSONAL PROJECTS

- **Plug and Power | ⚡** Sept 2023 - Present
A complete guide to Electric Vehicle Charging Station
 - Developed a robust and user-friendly system that offers real-time data on charging station availability, location, charging types, and estimated charging time.
 - Implemented secure data storage and management, enabling the collection of specific user data such as charging station name, billing details, and time taken to charge.
 - Integrated a feature that predicts if the current battery charge is sufficient to reach a specified charging station, enhancing user planning and experience.
 - **Technology Used :** Python, Reactjs, IBM Cloud.
- **Vehicle Sticker Application System | 🏷️** Jan 2023 - Apr 2023
A react based web application which allow users to apply for vehicle sticker for NITK.
 - Utilized MySQL, Node.js, Express.js, and React.js to create a seamless application for managing vehicle stickers at NITK.
 - Played a key role in designing the system schema and integrating data from IRIS for a streamlined application.
 - Prioritized user-friendly interface using React.js and adhered to project timelines, showcasing agile methodologies and problem-solving capabilities.
 - **Technology Used :** React.js, Express.js, MySQL, Node.js.
- **Simulation-based Labs** Sep 2022 - Oct 2022
A complete learning management system.
 - This Project provides a complete Learning Management System around the Virtual Labs where the students/teachers can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self-evaluation .
 - **Technology Used :** HTML , CSS, JavaScript.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Python, Javascript, HTML+CSS
Libraries : C++ STL, ReactJs
Web Dev Tools: Nodejs, VScode, Git, Github
Frameworks: ReactJs
Cloud/Databases: IBM Cloud, Relational Database(mysql)
Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks, Software Engineering.
Areas of Interest: Web Design and Development.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

POSITIONS OF RESPONSIBILITY

- **Class Representative** National Institute of Technology, Karnataka Oct 2021 - Present
 - Communicated with teachers and college administrators effectively.
 - Facilitated effective problem-solving and decision-making.

CERTIFICATIONS

- **Journey to Cloud: Envisioning Your Solution - IBM** July 2023
- **Getting Started with Enterprise Data Science - IBM** July 2023
- **Postman API Fundamentals Student Expert** Nov 2022