JAY JOSHI
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ACADEMIC QUALIFICATION

Master of Science in Data Analytics   **Jan'24 – Dec'25(Expected)**
San Jose Sate University   San Jose, CA
Coursework: Data Visualization, Data Mining and Analytics, Machine learning Technologies, Deep Learning Technologies.

Bachelors of Technology in Information Technology   **Jul'19 – May '23**
Birla Vishvakarma Mahavidyalaya Engineering College   Gujarat, India
Coursework: Data Structure and Algorithms, Database Management Systems,
Operating System, Object Oriented Programming, Design and Analysis of Algorithm,
Big Data Analysis, Machine Learning, Artificial Intelligence, Information Security, Data Warehousing and Data Mining, Cyber Security, Mobile Application Development.
CGPA: 8.2/10

INTERNSHIP

Project Development Intern at Tatvasoft, Ahmedabad   **May – Jun '22**
- Develop an E-commerce web site using .net APIs/Postgres SQL/Rreact JS
- Create custom API using .net and Postgres query to fetch data from server and render at frontend
- Create responsive frontend using React JS

Full Stack Developer Intern at Matrix Hive Technologies Pvt. Ltd., Ahmedabad   **Jun '21**
- Learn Jquary, Javascript, and React JS technologies and worked on company's project.
- Collaborated with cross-functional teams to analyze project requirements.
- Developed responsive and user-friendly front-end interface using ReactJS.
- Implemented back-end functionalities using Node.js, Express JS and Mongo DB.
- Contributes RESTful API development for seamless communication.

Web Developer Intern at Launch Pad, Ahmedabad   **Jun – Jul '22**
- Learned web technologies like React JS, HTML, CSS, Redux, Tailwind and created simple projects based on these technologies
- Worked on company's project and server.
- Developed and maintained responsive web interfaces using HTML, CSS, and JavaScript.

ACADEMIC PROJECTS

Title: Hydroponic System using IoT   **Dec '22 – May '23**
Description: This project is based on soil less farming using IoT Automation. This project has one physical model of farming and website to control and monitor the crop. It has full automation to control humidity, temperature, and water supply for crop so that farmer do not have worry. As it soil less farming can be done in any sufficient space.

Title: Cross Platform Application for Hospital Management System.   **Jul – Dec '22**
Description: This cross platform mobile application is build for hospital management. It aims to make the system easy, understandable and user friendly with minimal and adaptive GUI. It has a 4-module including Admin of hospital, Nurse, Doctor and Patient. The main functionality and key feature of this project is NFC by which all the data and information gets manage and use of physical files and documents can get reduced.

Title: WhatsMenu (Leverage WhatsApp as Platform to Accept Order)   Dec '21 – May '22
Description: The WhatsMenu is web application developed using PHP and MYSQL to utilize WhatsApp application as leverage to place and receive food order. The Aim was to reduce physical involvement of a customer at restaurant as it was created at Covid-19 pandemic. This project is designed and developed for restaurants to manage orders with QR-code.

AWARDS & ACHIEVEMENTS
Winner of Final Project-Poster presentation at Project Expo Birla Vishvakarma Mahavidyalaya for the Project "Hydroponic System Using IoT"- Apr '23.

PATENT
Hydroponic System Using IoT- May '23.

CERTIFICATION
Received a completion certificate of "30 Days of Google Cloud Platform." - 2021

PRESENTATIONS
Presented a poster on "Hydroponic System using IoT" as part of the Project Expo held at Birla Vishvakarma Mahavidyalaya, Gujarat - Apr '23.

SEMINARS & CONFERENCES
- Attended the Seminar and Industry visit of start-up incubator centre at Savali, Vadodara, Gujarat, Mar '23
- Attended a seminar on Solar by Rayzon Solar held at Birla Vishvakarma Mahavidyalaya, Jul '22

TECHNICAL SKILLS
- **Languages**: C, C++, Java, Javascript, PHP, Python, R, Arduino.
- **Web Technologies**: HTML5, CSS3, PHP, Wordpress, Bootstrap, Tailwind CSS, Material UI, React JS, Redux, REST API,
- **Database**: MySQL, MongoDB, PostgreSQL
- **Graphic Software**: Figma, Canva
- **Tools**: Eclipse, Intellij, Visual Studio, Docker, AWS S3, Google Cloud Platform, Slack, Microsoft 360
- **Technologies**: Data Mining, Big Data Analytics, Artificial Intelligence, Machine Learning, Data Compression, Database Management Systems, Data Analytics, Mobile Application Development, IoT, AWS, Google Could Platform, Data Structure and Algorithms.

EXTRACURRICULAR ACTIVITIES
- Sponsorship Head of The Central Team, Birla Vishvakarma Mahavidyalaya, '22 - '23
- Invitation Team Head for the biggest event of Birla Vishvakarma Mahavidyalaya on it's 75th year Platinum Jubilee celebration, Nov '22 - Jan '23
- Volunteer as Student Coordinator of the Student Startup and Innovation Policy Government of Gujarat at Birla Vishvakarma Mahavidyalaya. '22 - '23
- Volunteer as Graphics Head of the Student Startup and Innovation Policy Government of Gujarat at Birla Vishvakarma Mahavidyalaya. '21 - '22