

Rushikesh Zambare

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Summary

Aspiring IT professional with experience in software development, Web Development. Proficient in C++, Python, Java, SQL, and frameworks like Django and React.js. Strong teamwork, problem-solving skills, and a dedicated learning attitude.

Education

- Vishwakarma Institute of Information Technology** Nov 2022 - Oct 2025
Bachelor of Technology - Information Technology Pune, India
- Government Polytechnic Amravati** July 2019 - Aug 2022
Diploma In Information Technology; Percentage: 92.58 Amravati, India
- N H Ranka High School, Bodwad** June 2018 - May 2019
Secondary School Certificate; Percentage: 86.00 Bodwad, India

Experience

- IBM Mentored Project Data Pipeline with IBM COS and Db2 DBMS:** (Remote), India Oct 2023 – Feb 2024
The goal of this project was to use the IBM Db2 Database Management System and IBM Cloud Object Storage services to create an effective pipeline for data transformation and ingestion. As part of the project, raw data from CSV files had to be extracted, converted using Db2 SQL queries running on the IBM Data Engine platform, and then loaded into Db2 tables. The project also sought to establish a Change Data Capture (CDC) procedure in order to effectively manage routine data updates.

Projects

- Result Management System - Web Application:** Advanced Javascript, Python, MySql Dec 2021 - May 2022
The Result Management System project developed in Javascript and Python. It has Email validation security feature and offers functionality like record and track student performance and generate PDF of result. This project back-end is developed using Python, Django framework and MySql. The front-end system has a user-friendly interface that is developed using Javascript and Vue.js.
- Water Quality Prediction using Random Forest:** Machine Learning, Python April 2024
Implemented a Water Quality Prediction System using Machine Learning and Python with an outstanding accuracy of 93%. Spearheaded the project, showcasing expertise in machine learning and data analysis. Emphasized the crucial role of precise water quality assessment for public health and sustainability efforts.
- Search Engine using Splay Trees:** C++, Data Structure and Algorithm January 2024
Implemented a search engine function using file handling. Splay trees enable us to use efficient searching. Implementation of the history function, which enables the user to know the time of a particular string searched. Functions are used through arguments passed to the main function.

Technical Skills

- Languages:** C, C++, Java, Python, SQL
- Web Development:** HTML, CSS, Javascript, React.js(novice)
- Backend:** Node.js, Express.js(novice) , Django.
- Database:** MySql
- CS Fundamentals:** Operating System, Object-Oriented Programming, Data Structures and Algorithms, Database Management System, computer networks
- Tools:** Visual Studio Code, GitHub

Extracurricular

- IT Department Head at Sports Council VIIT:** Sports Council College Club Aug 2023 - May 2024
Managing Department participation in sports.
- Documentation Head at NSS VIIT:** NSS College Club Aug 2023 - May 2024
Managing all Documents of Club and events.

Strengths

- Teamwork
- Learning attitude
- Problem Solving
- Dedicated