



Arun Sahu

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Github

Linkedin

Portfolio

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology Jodhpur	6.93	2020-24
Senior Secondary	Kendriya Vidyalaya No.2 Sagar	84.60%	2019
Secondary	Christ Convent School Rehli	89.30%	2017

EXPERIENCE

- Medront** July 2024 - Present
Software Engineer I Remote
 - Engineered and optimized backend services using Node.js and Go, reducing API response time by 30% and improving system scalability.
 - Collaborated with the front-end team to implement React.js features, enhancing user interface responsiveness and achieving a 20% increase in user engagement.
 - Led the integration of blockchain technologies into existing systems, ensuring secure data transactions and reducing processing errors by 15%.
- Black Tulip** May 2022 - June 2022
Web Development Intern Remote
 - Developed and implemented a cutting-edge frontend solution using HTML, CSS, Bootstrap, and React; optimized website performance resulting in a 40% decrease in page load time and a 25% increase in user engagement metrics.

PROJECTS

- Employee Payroll Management System** Feb 2024- March 2024
React, Angular, SQL, Excel, Power BI, Trend Analysis
 - Created Explicit Cursors which shows the hourly pay of the employees associated with there Accounts and Ref cursor showing the employees who are a part of a particular department
 - Create a CDB and a PDB with users to manage the data according to the area of interest.Also, created Relational, Inline and Materialized Views satisfying various business requirements.
- Costco Sales Analysis** Dec 2023- Jan 2024
Excel, Pivot Table, VLOOKUP, SUMIF, Visualisation
 - Designed and developed an interactive sales dashboard in Excel, leveraging pivot tables and VLOOKUP for dynamic data analysis.
 - Employed data visualisation techniques with multi-layered charts and graphs to highlight key performance indicators and trends.
- Credit Card Approval** Nov 2023- Dec 2023
Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn
 - The project aims to predict credit card request will get approved based on age, gender, credit score, income, debt.
 - Imputed the missing values with mean imputation for the numeric features and mode imputation to categorical features. Implemented MinMax Scaling to the features.Optimized Logistic Regression using GridsearchCV to obtain the best model.

TECHNICAL SKILLS

- Programming:** Python, C/C++, SQL, Swift, Docker.
- Tools:** React, Tableau, Power BI, AWS, Google Analytics.
- Tools/Frameworks:** Pandas, Numpy, Scikit-learn, Matplotlib.

COURSEWORK

- Data Structures and Algorithms
- Introduction to Machine Learning
- Database Management Systems
- Operating Systems

POSITIONS OF RESPONSIBILITY

- **President**, Chemical Department, IIT Jodhpur
- **Informal Head**, Varchas & Aaftaab, IIT Jodhpur

ACHIEVEMENTS

- **Gold Medal**, Technical Quiz in the Annual Technical Fest ,Prometeo,IIT Jodhpur.
- **Qualified JEE Advanced 2020**, Ranking in the top 0.1% of candidates, and secured admission to IIT Jodhpur.