



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
 - Employee Payroll Management RESTful API using Spring Boot, which performs CRUD operations on an in-memory database. Integrated Swagger OpenAPI 3.0 for API documentation and Auto Code Generation.
 - Utilized SQL and R to analyze large datasets, resulting in the identification of key insights and a 10% increase in campaign effectiveness.
- 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.
- E-Commerce Web Application** Nov 2023- Dec 2023
Angular, PostgreSQL, Python, GCP
 - Designed and implemented a dynamic and interactive user interface using Angular, enhancing user experience with features like product search, filtering, and real-time updates.
 - Architected and maintained data structures with PostgreSQL; set up CI/CD pipelines utilizing Jenkins; deployed on Google Cloud Platform (GCP), ensuring scalable performance and a 99.9% uptime, boosting reliability.

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.