

ROOBICA R

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PROFESSIONAL SUMMARY

Versatile and detail-oriented professional with expertise in Full-Stack Development and Data Science. Skilled in Python, JavaScript, SQL, Machine Learning, and Power BI, with a strong passion for building scalable web applications and deriving data-driven insights to solve complex business problems.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, SQL
- **Web Technologies:** HTML, CSS, Bootstrap
- **Frameworks:** Django, React, Node.js
- **Databases:** MySQL
- **Version Control:** Git, GitHub
- **Web Development:** Responsive Design, API Integration
- **Data Analysis & Visualization:** Power BI, Excel, Pandas, NumPy
- **Machine Learning:** Scikit-learn, TensorFlow
- **Other Skills:** MS Office, Advanced Excel, Exploratory Data Analysis (EDA), Data Cleaning, Data Visualization

PROJECTS

- **Social Media Network [Python, Django, SQL, CSS, JS]** - Developed a full-featured social media platform, including user authentication, profile management, and real-time notifications. Designed and implemented RESTful APIs and front-end components.
- **Twitter Clone [MERN Fullstack]** - Developed a feature-rich Twitter-like social media platform using the MERN stack, enabling users to post tweets, follow others, like and comment on posts, and receive real-time updates.
- **Employee Database [Python, Django, PowerBI, Flask]** - Built a comprehensive employee database system for managing records and attendance. Designed the schema, wrote SQL queries, and ensured data integrity.
- **Sales Forecasting with Machine Learning** - Used Python (Scikit-learn) to predict sales trends.
- **Employee Attrition Analysis** - Applied EDA & Power BI to identify key factors affecting employee retention.

CERTIFICATION COURSE

ITVEDANT :DATA SOFTWARE ENGINEERING

(APRIL-24 TO FEB-25)

- Developed and maintained web applications using Django, Bootstrap, and MySQL.
- Created responsive and user-friendly interfaces with HTML, CSS, and JavaScript.
- Gained hands-on experience in analyzing project requirements and translating them into functional applications.
- Learned industry best practices for writing clean, maintainable, and efficient code.
- Gained hands-on experience in version control using Git and deploying applications in a local environment.
- Conducted Exploratory Data Analysis (EDA) on large datasets.
- Built ML models for predictions & classifications.
- Created interactive dashboards in Power BI for business insights.

EDUCATION

MBA Educational Management

Madras University

TamilNadu

BE Electronics & Communication Engineering

Vivekanandha College Of Engineering For Women, Anna University

TamilNadu

TRAINING

- Undergone Training in IBM Software foundation –Basics.
- Undergone Training in IBM CE-Basics of IBM Rational Rhapsody for Embedded System.

SOFT SKILLS

- Strong problem-solving and analytical skills
- Quick learner, adaptable to new technologies
- Excellent teamwork and communication
- Passion for continuous learning and innovation

CERTIFICATION

- Masters In Data Software Engineering | I.T.VEDANT
- Foundation with SQL | I.T.VEDANT
- Web Designing Essential | I.T.VEDANT
- Python Essential | I.T. VEDANT
- Python for Web Development | IBM
- Data Science And Analytical Essentials |I.T.VEDANT