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**Roobika R**

**Full-Stack Developer**

Bengaluru, KA

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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, and Machine Learning, 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

- 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** - 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.

**Card Game** - Created an interactive card game with JavaScript for logic and CSS for styling.Implemented features such as card shuffling and player interactions with a responsive UI.

**Employee Database** - 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

- Developed and maintained web applications using Django, Bootstrap, and MySQL.

- Created responsive and user-friendly interfaces with HTML, CSS, and JavaScript.

- Collaborated with senior developers to deliver quality code and enhance development skills.

- Collaborated with senior developers to understand project requirements and deliver high-quality 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.

TRAININGS

- 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

**Education**

**MBA** Educational Management

Madras University

TamilNadu

**BE** Electronics & Communication Engineering

Vivekanandha College Of Engineering For Women, Anna University

TamilNadu

**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