Ragini Kumari

Software Engineer
New Delhi, India
💼 Portfolio Profile

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EDUCATION

•Master of Computer Application *2022-24*

Galgotias University, Greater Noida CGPA: 8.3

Bachelor of Computer Application *2019-22*

MDU University, Rohtak Percent : 75.9

EXPERIENCE

•Aptron Technology *July - October 2024*

Fullstack Developer Online

– Designed and developed an Enquiry Management System backend using Java (Spring Hibernate) to manage and process customer data efficiently.
– Engineered a scalable full-stack application leveraging the MERN stack (MongoDB, Express, React, Node.js) to streamline inquiry tracking and data management.'
– Created RESTful APIs to integrate backend services with the front end, ensuring seamless data flow and improved system performance.
– Automated data organization, improving operational efficiency and reducing manual efforts by 30

•Data Engineering Virtual Internship *Dec 2022 - Feb 2023*

AICTE-Eduskills Online

– Gained hands-on experience in data engineering principles, including data extraction, transformation, and loading (ETL).
– Utilized tools like SQL, Python, and data visualization platforms to streamline data workflows.
– Worked with large datasets to clean, structure, and optimize for analysis and reporting.
– Collaborated with mentors and peers to design scalable data pipelines and improve data quality for organizational insights.

PERSONAL PROJECTS

•Instagram Fake Profile Detector

Built an Instagram Fake Profile Detector using machine learning to identify and flag fraudulent accounts.

– Applied data preprocessing and feature engineering to enhance model accuracy and reliability.
– Improved system efficiency by integrating advanced classification techniques for real-time fraud detection.
– Technology Used: Python, Machine Learning (Scikit-learn, TensorFlow), Data Preprocessing (Pandas, NumPy), Feature Engineering, Classification Algorithms (Logistic Regression, Random Forest, SVM), Model Evaluation (Cross-validation, Confusion Matrix).

•Library Management System using Java

Developed a Library Management System with Java, JavaFX, and SQLite for efficient database management and a user-friendly interface

– Implemented book, user, and transaction management features to streamline library operations.
– Utilized SQLite JDBC for seamless database connectivity, ensuring secure and efficient data storage and retrieval.
– Technologies Used: Java, JavaFX, SQLite, SQLite JDBC, MVC Architecture.

TECHNICAL SKILLS AND INTERESTS

Languages: C, C++, Java, Python, Javascript, Typescript, HTML/CSS
Libraries : ReactJs, ExpressJS, TailwindCSS, MaterialUI
Web Dev Tools: Nodejs, VScode, Git, Github, Docker
Cloud/Databases:MongoDb, Relational Database(mySql)
Relevent Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Software Engineering.
Soft Skills: Problem Solving, Self-learning, Presentation, Adaptability

ACHIVEMENT

– Solved over 600+ problems on LeetCode, earning a 3-star rating, demonstrating strong problem-solving and algorithmic skills. || Leetcode Profile
– Won 1st place in the university-level Web Wonders Coding Competition, competing against 150+ students, showcasing expertise in web development and algorithmic challenges.