RUKSANA KANDURU

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🔗 RUKSANA_KANDURU ⍟ Ruksana

EDUCATION

B.Tech in Computer Science and Engineering   Oct 2022 – May 2026
Madanapalle Institute of Technology and Science (MITS), Andhra Pradesh
CGPA: 9.48 (as of 5th semester)
Coursework: Python, C, C++, DSA, Java, Computer System Architecture, DBMS, FLAT, OS, OOP, Android App Development, Computer Networks, AI, Python for Data Science, ML

EXPERIENCE

SQL Intern ⬈   May 2024 – Jul 2024
- **Library Management System:** Designed and implemented relational database schemas for a Library Management System, enabling efficient tracking of book inventory, issue/return transactions, and member activity using advanced SQL queries and joins
- **Student Management System:** Developed a normalized SQL database to handle student records, including enrollment, grades, and fee management.

Full Stack Web Developer Intern ⬈   Feb 2024 – May 2024
- **Shoe Landing Page:** Developed a responsive and visually engaging landing page for a footwear brand, focusing on clean design and user-centric layout to enhance product visibility
- **Personal Portfolio Website:** Created a dynamic and responsive portfolio to professionally showcase skills, projects, and contact information.
- **Weather Prediction Webpage:** Built an interactive web application that displays real-time weather data by integrating third-party APIs, enhancing skills in API handling and asynchronous JavaScript.

PROJECTS

Breast Cancer Prediction ⬈   Oct 2024 – Dec 2024
Role: Team Member   Tools: Google Colab, Python   Team size: 6
- Developed a predictive model using SVM and Naive Bayes to classify tumors as malignant or benign.
- Performed hyperparameter tuning and ablation study for performance optimization.
- Evaluated model using precision, recall, and F1-score for reliability.

SKILLS

Programming Languages: Java, Python, C, C++, SQL
Core CS Concepts: DSA, OOP
Web Development: HTML5, CSS3
Libraries & Frameworks: OpenCV, Scikit-learn, Pandas, NumPy
Cloud & Backend Technologies: MySQL
Developer Tools: GitHub, VS Code, StackBlitz, Cisco Packet Tracer, Tinkercad
Platforms: Windows, Web (Responsive Design), Google Colab
Soft Skills: Management & Coordination, Decision Making, Problem Solving, Positive Attitude,Active Listening,Adaptability

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CERTIFICATIONS

- Joy of Computing Using Python ⬈ – NPTEL (IIT Madras) – **93%**, Elite + Gold, Top **5%**
- Programming in Java ⬈ – NPTEL (IIT Kharagpur) – **76%**, Elite + Silver, Top **5%**
- Research Methodology ⬈ – NPTEL (IIT Madras) – **75%**, Elite + Silver, Top **5%**
- Supervised Machine Learning ⬈ – Coursera (Stanford University)
- Certified in Problem Solving (Basic) and SQL (Basic) by HackerRank ⬈ , showcasing strong foundational skills in algorithmic problem-solving and efficient data querying.
- Cloud Computing and Distributed Systems ⬈ – NPTEL (IIT Kanpur) – **78%**, Elite + Silver
- Programming, Data Structures and Algorithms using Python ⬈ – NPTEL (IIT Madras) - **65%**,Elite
- Completed a five-day training on Competitive Coding using Python ⬈ , organized by the Department of CSE, MITS, in November 2024.
- Completed a 4-hour HTML & CSS Certification Course for Beginners ⬈ on Udemy , demonstrating foundational proficiency in web development and front-end design.

ACHIEVEMENTS

- Recognized as an NPTEL Discipline Star by IIT Madras for outstanding performance in CSE courses during Jan–Apr 2025.
- Completed 7 NPTEL-certified courses, top 5% ranking in 3, with Elite + Gold/Silver certifications.
- Ranked in top 10% globally (Rank: 535,522 out of 5M+) on LeetCode.
- Ranked 474th out of 4600+ students from MITS on the GeeksforGeeks Institutional Leaderboard.
- Secured rank 5406 in EAPCET 2022.