

RITIKA VERMA

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SUMMARY

Enthusiastic individual with a strong passion for technology, eager to apply my technical skills and analytical abilities to contribute to innovative IT solutions. Committed to continuous learning and delivering impactful results in a dynamic environment.

EXPERIENCE

Software Development Intern | RKML Code Agencies

June 2024 - July 2024

- Utilized algorithmic problem-solving skills from the Sudoku Solver project to optimize task automation and workflow efficiency.
- Applied backtracking techniques to streamline data validation and reduce manual intervention.
- Developed reusable logic components inspired by the Sudoku library for process automation.

PROJECTS

Campus Navigation App

Present

- LinkedIn Post
- Tech Stack: Java, Android SDK, Google Maps API, Firebase
- Developing a GPS-based Android app for campus navigation, featuring optimized route finding, real-time directions, and seamless usability through Google Maps and Firebase integration.

Blood Bank Management System

Dec 2025

- github.com/vermaritika04/BloodBank
- Tech Stack: ASP.NET, SQL Server, HTML, CSS, JavaScript
- Designed a web application for efficient donor management, blood inventory tracking, and recipient matching, streamlining operations and ensuring accurate data management.

Sudoku Solver and Generator

May 2024

- github.com/vermaritika04/Sudoko_Solver
- Tech Stack: JavaScript, HTML, CSS, Backtracking Algorithm
- Developed a JavaScript library for generating and solving Sudoku puzzles across multiple difficulty levels, with features like board validation and candidate identification.

EDUCATION

Master of Computer Applications (MCA) | Pursuing | Current SGPA: 7.87

2023-25

Manav Rachna International Institute of Research and Studies, Faridabad, Haryana

Bachelors of Science(Hons.) | 70.6%

2021-23

Tolani College of Arts and Science, Adipur, Kachchh, Gujarat

Senior Secondary (PCM) | 63.2%

2020

Adarsh Mahavishyalay, Gandhidham, Kachchh, Gujarat

Secondary | 77.5%

2018

Sadhu Vaswani International School, Gandhidham, Kachchh, Gujarat

CERTIFICATIONS

Programming using Java | Infosys Springborad

Aug 2024

Oracle SQL | Great Learning

June 2024

AWS Fundamentals | Scaler Topics

May 2024

Agile Software Development | LinkedIn Learning

May 2024

Certified Cloud Developer | Alibaba Cloud

Feb 2024

INVOLVEMENT

- Event Host, Digital Di-Namo 2024: Led and organized a tech event at MRIIRS.
- Volunteered at TechFest 2023: Assisted in organizing workshops and speaker sessions.

SKILLS

- Languages:** Java, Python, C/C++, C#
- Web Development:** HTML, CSS, JavaScript, .NET, Node.js
- Databases:** MS SQL Server
- Mobile Development:** Android Studio, Firebase, Google Maps API
- Core Concepts:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOPS)
- Soft Skills:** Teamwork, Leadership, Problem-Solving, Communication, Adaptability