

VARSHITHA KARPURAPU

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PROFILE SUMMARY

A Computer Science undergraduate with strong DSA skills, 600+ LeetCode problems solved, and gold badges in Python, SQL, and Java (HackerRank). 3-star CodeChef rating. Proficient in full-stack development (Java, databases, HTML, CSS, JavaScript). Researching AI/ML and optimizing code for efficiency. Passionate about problem-solving and scalable solutions.

SKILLS

Coding Skills	Python, Java, MYSQL, C, DSA-Java & Python
WebDev Skills	HTML, CSS, JavaScript, SQL, Mongo DB, REACT JS, NODE JS
Core Skills	DBMS, CN, OS, CO,OOPs
Tools	Tableau, Power BI, Excel, Power Point

PROJECTS

PERSONAL PORTFOLIO([link](#))

- Developed a fully responsive portfolio website using HTML, CSS, and JavaScript, improving accessibility across 100% of devices.
- Crafted a visually appealing and responsive design, effectively showcasing my projects and demonstrating my web development expertise.

DIABETES PREDICTION MODEL ([link](#))

- Developed a machine learning-based diabetes prediction model using classification algorithms, data preprocessing, and exploratory data analysis to enhance accuracy.
- Optimized and evaluated model performance with hyperparameter tuning, cross-validation, and key metrics like precision, recall, F1-score, and ROC-AUC metrics to ensure robust predictions.

PRACTICE PROJECTS

- College Fest Website [link](#)
- TO DO App [link](#)
- E-Commerce Website clone [link](#)

EDUCATION

Bachelor of Technology , RVR & JC College of Engineering CGPA:9.41	2022 - 2026
Intermediate , NRI Junior college Percentage: 96%	2020 - 2022
SSC , The Central Public School Marks: 592/600	2020

ACHIEVEMENTS

- Secured All India Rank (AIR) 5691 in GATE 2025, demonstrating a solid grasp of core computer science concepts.
- Solved 1000+ problems across various coding platforms, showcasing strong problem-solving skills.
[LeetCode](#) , [HackerRank](#) , [Codechef](#)
- Awarded a merit-based scholarship of 15,000+ by APOVA for academic excellence.

CERTIFICATIONS

- Supervised Machine Learning: Regression and Classification
- Programming, Data Structures And Algorithms Using Python [Certificate](#)