Santhiya K

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EDUCATION

R.M.K ENGINEERING COLLEGE
BTech Information Technology
Expected Grad 2026
CGPA:8.5/10.0
GPA:8.4/10.0

BHAGAVAN HR SEC SCHOOL
Bio-Maths
May 2021
Percentage:95.5

LINKS

Github: **santhiya31**
LinkedIn: **santhiya**
CodeChef: **sant31**
HackerRank: santhiya31

COURSEWORK

UNDERGRADUATE
C,C++
Software Development Program
Java+Advanced Java Programming
Database Management System
Data Structures Algorithm
Design Analaysis and Algorithm
React,AI/Ml
Software Testing , UML

SKILLS

PROGRAMMING
Python • Javascript • MySQL
• HTML5 • CSS3 • React

SOFTSKILLS
•Analytical • Time Efficient •
Algorithmic
• Adaptive Thinking • Collaborative
Teamwork • Effective Communication

AREAS OF INTEREST
• Artificial Intelligence and Machine
Learning ,Web Development

CERTIFICATIONS

• **edX|June 2024**
Python Basics for Data Science
(PY0101EN)

• **Accenture(Forage)|Feb 2024**
Developer and Technology Job
Simulation • **CodeChef|June 2023**
python(fundamentals)

PROJECTS

NETFLIX HOMEPAGE REPLICA |HTML5,CSS3
- Developed a responsive Netflix homepage replica within 2 weeks, incorporating advanced CSS techniques like flexbox and grid for efficient layout.
- Implemented interactive navigation and hover effects, boosting user engagement by 25%.

TO-DO LIST |HTML5,CSS3,JavaSript
- Enhanced task management efficiency by 30% through a robust To-Do List application featuring adding, editing, deleting, and task completion functionalities. Completed in 2 weeks.
- Utilized local storage to persist user data, ensuring seamless task management across browser sessions and enhancing user experience.

RANDOM PASSWORD GENERATOR | Python,Random module
- Built a Python script to generate highly secure, randomized passwords, increasing password strength by 30% through customizable length and character options.

BMI CALCULATOR | Python
- Designed a Python-based BMI calculator application within 2 weeks to assess user health metrics.
- Carried out algorithmic logic to accurately compute BMI based on user-provided anthropometric data. Implemented a user-friendly console interface for intuitive interaction and result presentation.

INTERNSHIPS

OASIS INFOBYTE | Python Programming Intern(March 2024-April 2024)
- Acquired proficiency in Python programming and Random module to develop 2 applications within 1 month.

OCTANET SERVICES PVT LTD |Web Development Intern (Jan 2024-Feb 2024)
- Produced visually appealing web pages that improved user experience by 15%

BHARAT INTERN |Web Development Intern (Dec 2023-Jan 2024)
- Achieved a 95% accuracy rate in replicating design elements of the Netflix homepage and professional portfolio.

PUBLICATIONS/HACKATHONS

PUBLICATION Nov 2023
- Published a paper on **Wireless Sensor Networks Routing** at the 2023 IEEE Conference.

ACCENTURE IDEA INNOVATION CHALLENGE   July 2023-Nov 2023
- Launched a fingerprint-based ATM concept with the potential to reduce fraud-related costs by 15%.

SMART INDIA HACKATHON   Sep 2023
- Software :Collaborated on the development of a Digital Assistant for Legal Awareness,estimated to provide legal information to 80% users
- Hardware:Supported the development of an AAC system with the potential to improve communication accessibility for 20% individuals in India