Janaki ram

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SKILLS

Languages:	Python, Java, C++, SQL, HTML/CSS, JavaScript
Frameworks/Libraries:	HTML & CSS, React
Tools/Platforms:	MySQL ,MongoDB, wireshark,kali linux
Soft Skills:	Problem-Solving, Flexibility, Collaboration, Adaptability

PROJECTS

Secure Password & Multi-Factor Authentication System |Python, bcrypt, PyOTP   Aug' 2024 -Nov' 2024

- Developed a secure password generation and MFA system using Python, secrets module, and bcrypt to enhance
- authentication. Implemented strong password hashing with bcrypt, adding randomized salts to prevent brute-force attacks.
- Integrated multi-factor authentication (MFA) using PyOTP, generating time-based OTPs for enhanced login security.

Personal Finaance Tracer| Angular, Node.js, Express.js, MongoDB   Aug' 2023 - Dec' 2023

- Developed a full-stack Finance Tracker for managing expenses, income, and budgeting, improving financial tracking effeciceny by 60%
  Built a responive Angular frontend with Bootstrap and Chart.js for real-time financial data visualization.
- Implemented secure authentication (JWT) & MongoDB database, reducing data retrieval time by 30%. Deployed on
- Netlify (Frontend),Heroku (Backend), and MongoDB Atlas, ensuring cloud accessibility.

Training

Geeks for Geeks | **Dsa,Java**   May' 2024 – Jul' 2024

- Implemented optimized CGPA calculator using HashMap and Priority Queue, achieving 100% accuracy in grade computation and ranking.
- Utilized HashMap for fast retrieval of subject grades, reducing lookup time to $O(1)$ and ensuring efficient data storage.
- Applied Priority Queue to rank students dynamically based on CGPA, enabling real-time performance analysis with an $O(\log N)$ ranking complexity.

CERTIFICATES

Cloud Computing	NPTEL	Dec'2024
Data Structures and Algorithms |Udemy	Feb'2024
AI & Machine Learning| Coursera	Oct' 2024
Dynamic Programming, Greedy Algorithms |Coursera	Jan' 2024
Supervised Machine Learning Model	Coursera	Sep'2024

ACHIEVEMENTS

Competitive Programming   Ongoing

- Solved 150+ problems on Leetcode, enhancing algorithm and **problem-solving** skills. (Leetcode: Ram21233)
- Active participant in Code Chef, **consistently** improving coding performance. (Code Chef: sunny bird 34)
- Achieved 5 ★ in Java on Hacker Rank, showcasing **proficiency** in object-oriented programming.

EDUCATION

Lovely Professional University   Phagwara, Punjab
Aug' 2022 – Present

Bachelor of Technology Computer Science and
Engineering; CGPA: 7.64

Sri Chaitanya Junior College   Visakhapatnam,AP
June' 2020 – May' 2022

Intermediate
PCM; Percentage: 92%

Saint francis School   Vishakapatanam,AP
Mar' 2014 – Mar'2020

Matriculation
Percentage: 98.6%