

SKILLS

- **Programming Languages** : C++, JavaScript, Python, C, CSS, HTML, MySQL
- **Libraries and Frameworks** : Node.js, React, Express.js, MongoDB
- **Tools** : Github, Wordpress, Figma, PostgreSQL
- **Other Skills** : Data Analysis, Data Structures, Algorithms

EXPERIENCE

Software Development Engineer (Backend)

Jul 2023 - Jun 2024

DataGardener

Noida, Uttar Pradesh

- Diagnosed and resolved bugs identified by the QA team, ensuring optimal functionality and performance.
- Collaborated with front-end, back-end, and QA teams to design and implement new features for data extraction, enhancing product capabilities.
- Developed and maintained webpages using WordPress, contributing to the overall user experience and interface.
- Assisted in integrating back-end services with front-end functionalities, ensuring seamless data flow and user interactions.
- Participated in code reviews and team meetings, contributing to continuous improvement and knowledge sharing.

Software Development Engineer (Full Stack)

Jun 2022 - Aug 2022

Vimaana Aerospace

Greater Noida

- Designed and implemented UI/UX components using WordPress, creating new webpages and enhancing user interactions.
- Developed and integrated new features into websites from the back end, improving functionality and performance.
- Participated in code reviews and contributed to team knowledge sharing and continuous improvement initiatives.

Technical Analyst

Jun 2021 - Aug 2021

superweld technologies

- Analyze company requirements and design customized database solutions to meet our business needs.
- Implement and manage NoSQL databases, ensuring efficient data storage and retrieval.
- Collaborate with various departments to understand their data processes and provide technical guidance.
- Optimize database performance and troubleshoot issues to maintain high levels of reliability.

PROJECTS

Automated Kidney Segmentation from MRI Images

- Developed an automated kidney segmentation process, collaborating with IIT Delhi and AIIMS, enhancing medical imaging in Python.
- Collaborated with IIT Delhi and AIIMS to develop and implement image segmentation techniques for medical imaging applications.
- Optimized image segmentation algorithms in Python for medical imaging, enhancing accuracy by 20%.

Online Voting system using blockchain

- Utilized blockchain for recording votes, ensuring transparency and trustworthiness.
- Implemented SHA-256 algorithm for encrypting votes against tampering of votes.
- Developed a secure user authentication system to verify the identity of voters .

ACHIEVEMENTS

- Top 3000 - Problem Solving @ HackerRank
- IEEE XENITH 2022 Coding Contest Runner Up
- Internal Affairs head - Jaypee Youth Club

EDUCATION

Jaypee Institute of Information Technology

2023

BE/B.Tech/BS in Computer Science | 7 CGPA

DRK Adarsh Vidya Mandir

2018

HSC/Intermediate and PUC Certificates | 84%

CERTIFICATIONS

- Data Structures
- C++
- Cyber Security
- SQL DBMS