


VARRI SAI KUMAR

Full Stack Developer

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 Bangalore

As a recent graduate with 8 months of hands-on internship experience, I bring a solid foundation in database engineering, coupled with proficiency in both frontend and backend technologies. My expertise includes database management, cloud technologies, Docker, and Kubernetes. I am passionate about learning new technologies and motivated to contribute to an organization's growth. I am seeking opportunities in dynamic and challenging environments where I can apply my knowledge, hard work, and innovative mindset to drive success and contribute effectively to a development team.





EDUCATION

 Bachelor of Technology Rayalaseema University 7.16 CGPA	2019 - 2023
 Intermediate Tirumala Junior College 9.16 CGPA	2016 - 2018
 SSC Z P High School 7.3 CGPA	2015 - 2016

TECHNICAL SKILLS

- Database Management Systems (DBMS): MySQL, Oracle, SQL Server, PostgreSQL, MongoDB, SQLite
- Database Query Languages: SQL (Structured Query Language), PL/SQL (Procedural Language/SQL)
- Data Modeling: Entity-Relationship Diagrams (ERDs), Database normalization
- Database Design: Schema design, Indexing, Optimization techniques
- Database Administration: Installation, Configuration, Backup and Recovery, Performance Tuning
- Data Warehousing: ETL (Extract, Transform, Load) processes, Dimensional Modeling
- Data Security: User management, Access control, Encryption techniques
- Data Integration: ETL tools
- Programming Languages: Python, Java
- Basic knowledge about OOP concepts, Data structures, Unit Testing, Troubleshooting
- Operating System : Linux ,Windows, Unix
- Cloud Platforms: AWS (Amazon Web Services)
- Version Control Systems: Git and Git hub
- Tools and Technologies: Microsoft office, Microsoft Powerpoint, Microsoft Excel, Ticket Handling, SDLE, AGILE, SQL Server management, virtual box, VM ware, Docker
- Front end : HTML, CSS, Java script, ReactJS, Bootstrap
- Additional skills : Email Etiquette, Good Communication, Virtual Platform like (Zoom etc..)

CERTIFICATES

 Certification from IBM in Database Administration, DEVOPS	02/2024 - Present
 Certification from Main Flow Services And Technology in DATA ANALYSIS	02/2024 - 03/2024
 Certification from (APSCHE) in Business Development.	10/2022 - 11/2022
 Certification from Smartinternz in Salesforce Developer	10/2022 - 12/2022

ACHIEVEMENTS

- Won Second Prize in PPT presentation (Cloud Computing).

INTERESTS

- Sports
- Travelling
- Fitness and Gym
- Watching sc-fi movies

LANGUAGES KNOWN

- Telugu
- English
- Hindi

PROJECTS

TITLE- BLOOD BANK MANAGEMENT SYSTEM

DESCRIPTION:

Utilizing SQL, PHP, HTML, CSS, and JavaScript, my Online Blood Bank project optimizes blood donation procedures. Donors provide detailed information for seamless coordination. Recipients can easily locate donors with compatible blood types nearby. In the absence of local donors, contact details for representatives in major cities are furnished. This initiative fosters community engagement and altruism. SQL ensures efficient database management, while PHP facilitates dynamic content generation. HTML and CSS craft an intuitive interface, while JavaScript bolsters functionality, ultimately contributing to societal welfare.

TITLE- SECURITY SYSTEM FOR DNS USING CRYPTOGRAPHY

DESCRIPTION:

Crafted with in Java, advanced Java, cryptography, and computer networks, CryptoDNS fortifies DNS security. Employing Digital Signature and Asymmetric Cryptography, it exchanges public keys for message integrity. Utilizing Message Digest Algorithm and PRNG, it ensures secure key generation and message compression. The DSA Algorithm combines messages with Private keys for signature formation, ensuring message authenticity upon reception using the Public key and DSA Algorithm. Demonstrates adeptness in Java, advanced Java, cryptography, and computer networks.

TITLE- Library Management System

DESCRIPTION:

Presenting BookEase, a user-centric library management system powered by HTML, CSS, JavaScript, PHP, and MySQL. BookEase simplifies library operations, including book cataloging, patron registration, and loan management. Its intuitive interface, crafted with HTML and CSS, ensures ease of use. JavaScript adds interactivity, while PHP manages dynamic content generation. MySQL ensures efficient data storage and retrieval. BookEase showcases my expertise in HTML, CSS, JavaScript, PHP, and MySQL, reflecting my proficiency in full-stack web development. With its seamless functionality, BookEase streamlines library administration, making it accessible and efficient for users and administrators alike.

ADDITIONAL INFORMATION

Linkdin Profile : <https://www.linkedin.com/in/varri-sai-kumar-193800230>

Portfolio Profile : <https://varrisaikumar.netlify.app/>

DECLARATION

I here by confirm that all facts mentioned above are best and true to my belief.