Sravani Marri

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Experience

DSmart Systems Private Limited   **January 2024 - February 2025**
Junior Consultant   *Hyderabad*

- Passionate Backend Developer with expertise in Relational Database Management, bringing 1+ year of experience in crafting robust server-side applications using SQL, JavaScript, Node.js, and Express.
- Expertise in working with a variety of databases, including MySQL, MongoDB, PostgreSQL and Redis(in-memory database), with hands-on experience in Sequelize ORM for efficient database management.
- Designed, developed, and maintained database systems by writing and optimizing SQL queries, utilizing Joins, Subqueries, Stored Procedures, Functions, and Indexes to enhance data retrieval and improve system performance.
- Built and integrated RESTful APIs for data communication between frontend and backend.

CRRao AIMSCS, UoH   **July 2023 – October 2023**
Project Intern   *Hyderabad*

- Researched and implemented secure data storage solutions, ensuring encryption and access control mechanisms for protecting sensitive information.
- Investigated data encryption methods such as AES-256, RSA, and TLS to enhance data security at rest and in transit.
- Researched Role-Based Access Control (RBAC), Attribute-Based Access Control (ABAC), and Least Privilege Access to restrict unauthorized data access.

Education

Nalla Malla Reddy Engineering College   **2019 – 2023**
Bachelor of Technology in Computer Science   *Hyderabad*

Technical Skills

Languages: Java, C, JavaScript, TypeScript
Frontend Development: HTML, CSS
Backend Development: Node.js, Express
DataBases: MySQL, SQL Server, MongoDB, PostgreSQL
Version Control: Git, Github, Bitbucket

Projects

Oncare360   **January 2024**

- Designing and managing relational database for patient data, ensuring consistent updates and handling large datasets.
- Collaborated with development teams to integrate databases with applications, troubleshoot and enhance database code, and document data extraction processes for reporting.
- Strong understanding of RESTful API development,ensuring high performance, security and scalability
- Ensured data security, accuracy, and integrity through regular testing while implementing authentication and authorization measures for secure healthcare data access.

College Placement Portal   **March 2023**

- Developed a college-level placement portal to streamline student registrations, job postings, and recruiter interactions.
- Experienced in using SQL Server Management Studio (SSMS) and writing T-SQL queries for database management.
- Enabled resume upload, job search filters, and application tracking for better placement management.

A project on 'Security Measures' using AES Algorithm with JAVA.   **October 2022**

- Built a file encryption and decryption tool using Java, making it easy to protect files.
- Created a user-friendly interface with buttons to select, encrypt, and decrypt files.
- Added status messages and error handling to show progress and guide users.

Certifications

- Certified in Cloud Computing from NPTEL
- Earned a certificate in Python Database MariaDB from Infosys in Coursera
- Successfully earned my certificate in SQL from HackerRank
- Certified in Cloud Foundations by AWS Academy Graduate

Leadership / Extracurricular

- I served as a Placement Coordinator in my final year, assisting in recruitment drives and student placements.
- I won a medal in Throw Ball at my college sports meet, showcasing my sportsmanship and teamwork.
- I also actively participated as an intern in the TiE Hyderabad Global Summit, gaining exposure to entrepreneurship and event coordination.