

Tahgore Bala Channakya Narra

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EXPERIENCE

Cognizant Technology Solutions(CTS)

September 2023 – Present

Software Engineer

Hyderabad, India

- **Team Leadership Automation:** Led a team of four to automate 45+ critical tasks by developing robust **RESTful APIs** with **Spring Boot** and **Selenium WebDriver**, integrated with a React-based UI—cutting issue resolution time by 60%.
- **REST API Development:** Engineered secure, scalable **RESTful APIs** for the DocStyle application using Spring Boot and **iTextPDF**, incorporating centralized exception handling and thorough input validation.
- **Secure Authentication:** Built a **JWT**-based authentication system with **Spring Security**, reducing response times by 30% and ensuring stateless, scalable access.
- **Database Integration Optimization:** Designed efficient **MySQL** schemas and optimized indexing strategies for the Custom Veeva project, improving data storage and retrieval by 20%.
- **User-Friendly Feedback Portal:** Architected a dynamic feedback portal using **React**, ES6, JSX, and reusable functional components with **React Hooks**—reducing manual customer requests by 40%.
- **Query Performance Enhancement:** Boosted data retrieval speeds by 25% through fine-tuning **JPQL** queries, optimizing **Hibernate** configurations, and implementing effective caching strategies.
- **Comprehensive SDLC Management:** Managed the full Software Development Life Cycle (**SDLC**) from requirements gathering and design through development, testing, and deployment, ensuring robust project execution, continuous integration, and quality delivery.

PROJECTS

Blogging Back-end Application | *Java, Spring Boot, Spring Security, Hibernate, MySQL, Postman* 🌐 | GitHub

- Empowered users to create posts with specified categories, manage their posts and view their own posts.
- Users can comment, update, and delete their comments and can also view all comments on a post.
- Applied **Pagination**, **Searching**, and **Sorting** functionalities with informative messaging for post retrieval.
- Built role specific APIs for admin and normal user respectively and added **JWT Authentication** for securing APIs.

SplitUp | *Java, SpringBoot, Spring Security, Hibernate, MySQL, PostMan*

🌐 | GitHub

- Developed a scalable Spring Boot backend for expense management and automated cost-splitting.
- Implemented secure multi-user authentication with Spring Security, ensuring personalized logins and data privacy.
- Designed RESTful APIs for real-time expense tracking and settlement, enhancing response times.

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, JavaScript, HTML/CSS

Frameworks: React, SpringBoot, TailWind

Databases: MySQL, MongoDB

Version Control: Git, GitHub

Cloud: Amazon Web Services (AWS), Docker

Core Subjects: Data Structures and Algorithms, Operating Systems, Networking

Miscellaneous: Multithreading, Design Patterns, Microservices, Agile, Kafka

ACHIEVEMENTS

- Solved **500+ Data Structures and Algorithm problems** on coding platform such as **LeetCode** and **GFG**
- Achieved a Contest Rating of **1691 on LeetCode**, ranking among the **top 14% of all LeetCodeers globally**.
- Achieved a global rank of **1220** in LeetCode Weekly Contest 432, ranking among the **top 4%** of participants.

EDUCATION

RVR & JC College of Engineering

Bachelor of Technology in Information Technology

August 2019 – April 2023

CGPA: 8.42