

TAHGORE BALA CHANNAKYA NARRA

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EXPERIENCE

Software Engineer

Cognizant Technology Solutions

Sept. 2023 – Present

Hyderabad

****Professional Experience****

****Haleon****

Software Engineer

***Technologies:** Java, Spring Boot, React.js, Selenium, AWS*

- Migrated legacy software systems to modern, scalable solutions using Java, Spring Boot, and AWS services, reducing system downtime and enhancing reliability.
- Automated 45+ workflows and processes using Selenium and Java, significantly reducing manual intervention and improving efficiency.
- Designed and implemented RESTful APIs in collaboration with cross-functional teams, adhering to industry best practices for scalability and maintainability.
- Enhanced IT service management by integrating ServiceNow workflows, improving team collaboration and operational efficiency.

****SPL****

Software Developer

***Technologies:** Java, Spring Boot, Thymeleaf, React.js, AWS*

- Led end-to-end development of core features, including the SPL view generation module, ensuring compliance with FDA and EMEA standards.
- Architected and developed scalable REST APIs and XML view functionalities to manage over 100+ template combinations.
- Leveraged AWS services to modernize deployments and optimize system performance across multiple environments.
- Delivered responsive and user-friendly interfaces using React.js and TypeScript, streamlining data input and validation processes.
- Maintained rigorous testing, debugging, and code review practices to ensure high-quality deliverables in line with coding standards.

****Projects & Publications****

****Blogging Back-End Application****

***Technologies:** Java, Spring Boot, Hibernate, AWS, MySQL*

- Designed and developed a full-stack application with secure JWT-based role-specific APIs for admin and user functionalities.
- Implemented core CRUD operations, pagination, category-based filtering, and search functionalities to enhance user experience.
- Deployed the application using AWS, ensuring scalability and reliability in production environments.

****A Robust Edge Detector in the Presence of Impulse Noise****

Published in IEEE 2023

- Developed and implemented the SAMFWM algorithm for edge detection with 90% image similarity, leveraging advanced data fusion techniques.
- Optimized algorithm performance through non-maximum suppression techniques, improving accuracy and computational efficiency.

****Technical Skills****

- ****Languages**:** Java, Python, SQL, TypeScript, JavaScript
- ****Frameworks**:** Spring Boot, React.js
- ****Cloud Platforms**:** AWS (EC2, S3, Lambda)

- **Databases**: MySQL, MongoDB
- **Development Practices**