**TAHGORE BALA CHANNAKYA NARRA**

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EXPERIENCE

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| **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

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| **RVR & JC College of Engineering** | Guntur, AP |