

KUMMARA MAHESH BABU

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Education

Jawaharlal Nehru Technological University

Bachelor of Technology in Mechanical Engineering - CGPA: 7.39

Sep. 2021 – May 2024

Anantapur, Andhra Pradesh

Experience

Cognizant

Programmer Analyst Trainee

Apr. 2025 – Present

Coimbatore, Tamil Nadu

- Developed and maintained automation test cases for web applications using Java, Selenium WebDriver, TestNG, and Cucumber BDD framework
- Performed API automation using RestAssured and Postman, and collaborated in Agile teams for sprint planning and retrospectives
- Applied SDET methodologies for test case creation, defect tracking, and conducted code reviews to enhance program performance

Kodnest

Full Stack Development - Java

Aug. 2024 – Apr. 2025

Bangalore, Karnataka

- Acquired comprehensive knowledge in building full-stack applications using Java, Spring Boot, Hibernate, MySQL, and React.js
- Applied OOP principles and developed real-world projects, reinforcing practical application of development tools and technologies

Projects

Full-Stack E-Commerce Application | *Java, Spring Boot, JPA/Hibernate, MySQL, React.js*

- Developed RESTful APIs with Spring Boot for product catalog management, implementing JPA/Hibernate ORM with custom date formatting and LOB fields for binary image storage
- Implemented robust backend using Spring Boot with JPA/Hibernate ORM, managing entities with complex relationships, custom date formatting (@JsonFormat), and LOB fields for binary image storage and large text descriptions
- Built dynamic React frontend with React Router, controlled forms, file uploads with preview, and optimized rendering using hooks
- Created comprehensive unit test suite using JUnit 5 and Mockito, achieving high code coverage with TDD methodology

BookShelves Automation Framework | *Java, Selenium WebDriver, TestNG, Cucumber, Allure*

- Developed a comprehensive automation framework for the BookShelves application, enabling end-to-end testing of book management features—search, checkout page, negative testing, products.
- Developed comprehensive automation framework for end-to-end testing using Page Object Model (POM) and BDD patterns
- Integrated TestNG for test execution management, Allure for reporting, and implemented data-driven, cross-browser testing

Technical Skills

Languages: Java, JavaScript, HTML5, CSS3, SQL

Frameworks: Spring Boot, Spring MVC, Hibernate, JPA, React.js, Selenium, TestNG, Cucumber

Tools: VS Code, Eclipse, IntelliJ IDEA, Postman, Maven, Git, GitHub, Allure, RestAssured

Databases: MySQL, JDBC

Concepts: REST APIs, OOP, MVC, Page Object Model, BDD, TDD, Agile/Scrum

Certifications

- Full Stack Development (Java)** - Kodnest — Spring Boot, Hibernate, React.js, MySQL
- Learn Selenium with Java, Cucumber and Frameworks** - Udemy— Test automation, TestNG, Cucumber, framework design
- SDET Training** - Cognizant — API testing with RestAssured, Postman, Agile methodologies