

# Nagaphani Gangadhara

+91-9177451800 | [LinkedIn](#) | [Github](#) | [Hackerrank](#) | [Scaler](#) | [phanigangadhara@gmail.com](mailto:phanigangadhara@gmail.com)

## SKILLS

- Java, JavaScript, Python, Spring Boot, Angular, Junit, Mockito, Bootstrap, Spring Tools Suite, Eclipse, Visual Studio Code, IntelliJ IDEA, Postman, GitHub, MySQL workbench, HTML, CSS, MySQL, Maven, Gradle, Git, Low level design, Data Structures & Algorithms, Problem solving, AWS, React

## EXPERIENCE

### Programmer Analyst

Mar 2023 - Present

#### Cognizant

##### Client: Tucson Electric Power |Role: Backend Developer

- Application Upgrade: Migrated backend applications from Spring Framework 5 to Spring 6 and Spring Boot 2 to Spring Boot 3.5, ensuring compatibility with the latest standards.
- Code Modernization: Updated deprecated code and dependencies, resolved compilation errors, and refactored logic for improved performance.
- Unit Testing & Coverage: Designed and implemented JUnit test cases, achieving >80% code coverage and passing all CI/CD pipeline checks in Jenkins.
- Environment Validation: Conducted functional testing in each environment to ensure seamless performance post-deployment.
- Log Monitoring: Analyzed real-time application logs using Splunk to detect and troubleshoot issues. ServiceNow Operations: Resolved customer queries and handled incidents and service requests via the ServiceNow platform.
- Data Validation: Verified backend data in CCB (Customer Care & Billing) portal during testing and issue resolution to ensure billing accuracy and consistency.

##### Client: Expedia |Role: Backend Developer.

- Vulnerability Fixing: Identified and resolved security vulnerabilities in the system.
- Code Updates: Updated and maintained code using Git for version control. Data Retrieval: Efficiently extracted and analyzed data from database to verify test cases and ensure data integrity using MySQL.
- Manual Testing: Conducted thorough manual testing to ensure system stability and functionality.
- Data Validation & Integration: Extracted data from the Teradata application and cross-verified it against MySQL database records to ensure consistency and data integrity during manual testing and client validation phases.
- Collaboration: Worked closely with the client and team members to understand requirements and deliver solutions.
- Project Management: Gained experience in project planning, task management, and meeting deadlines

## PROJECTS

### Hotel Reservation System

<https://github.com/phani-star/HotelReservationBackendRepo>

- Streamlined customer registration and login processes, enabling over 1,000 users to book and manage room reservations seamlessly.
- Optimized room booking and cancellation workflows, enhancing user experience and reducing booking errors.
- Designed and implemented intuitive features that boosted customer interactions, resulting in increase in user engagement.

### Tic Tac Toe

<https://github.com/phani-star/TicTacToe>

**Overview:** A classic 3x3 grid game developed in Java, where users can play against either a bot or a friend in turn-based mode. The game focuses on clean design and intuitive interactions, with a few enhancements to enrich the experience.

#### Core Features:

- 🔹 **Bot Mode:** Players can challenge an AI opponent that makes logical moves to simulate a fair game.
- 🔹 **Friend Mode:** Two-player mode allows local multiplayer between friends.
- 🔹 **Undo Functionality:** Players can revert the last move, enabling strategic reconsideration or correcting misclicks.
- ✅ **Simple Logic:** Implements core Tic Tac Toe logic with win detection, draw state, and restart options.

## ACHIEVEMENTS

- Attained 100% problem solving percentage till date on Scaler platform.

## EDUCATION

### Scaler

2025

Specialized in Software Development & Problem Solving

### Jawaharlal Nehru Technological University Hyderabad

2022

BE/B.Tech/BS