


Ajay Jha

Java Full Stack Developer

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PROFILE

Experienced Oracle Certified Java Developer with over 3.8 years experience in designing and developing dynamic full stack applications. Proficient in a wide range of Java technologies and frameworks, from Core Java to advanced Spring Boot and Hibernate. Expertise in leveraging the power of Angular 15 to create robust frontend solutions that seamlessly integrate with Java backend systems. Seeking a Java Full Stack Developer role to contribute excellence in both backend and frontend development.

SKILLS

Technical Skills (Intermediate) — Core Java | Groovy | Python | Spring JPA | Hibernate | Spring Boot | Grails | REST | SQL | PLSQL | Oracle DB | MongoDB | HTML | CSS | Angular 15 | Ember | Angular Material | Bootstrap | GraphQL | Playwright | Junit | Selenium | Maven | Gradle | GitHub | Postman | Agile Methodology

PROFESSIONAL EXPERIENCE

NIELSENIQ, *Software Engineer (Full Stack Java Developer)*

Nov 2023 – present | India

NIELSENIQ BASES STUDIO :

- Bases Studio blends innovative research technologies (such as evolutionary algorithms and predictive analytics) with client consulting to enhance brand performance.
- The applications developed analyze shopper and market trends using historical data and consumer surveys, providing insights to clients.
- **Full-Stack Application Development:** Developed and maintained full-stack applications using **Spring Boot** (Java) for backend services and **Angular** for frontend interfaces. Focused on delivering high-performance, scalable, and user-friendly solutions.
- Designed and developed multiple **microservices**, including:
 - **Reporting Service (Java Spring Boot):** Developed and maintained the service responsible for generating and serving reports based on data inputs.
 - **Optimized PPT Generation (Groovy & Grails):** Designed and implemented a **microservice** to create PowerPoint presentations dynamically, using base layouts and populating them with data from UI - tables and charts.
 - **Reporting UI (Angular):** Worked on the front-end to display generated reports in an intuitive, responsive manner using **Angular**.
 - **Image Export Service (Node.js):** Contributed to a **microservice** that exports reports to PNG images for clients.
- **Database & Data Management:** Utilized **MongoDB** for efficient data storage and retrieval, ensuring high availability and scalability of data for analytical purposes.
- **Caching Implementation:** Improved application performance by implementing caching mechanisms in **Angular**, optimizing the user experience and reducing load times.
- **Testing & Quality Assurance:** Wrote **unit tests** for backend services using **JUnit** and comprehensive **UI tests** with **Playwright**, ensuring high code quality, functionality, and minimal defects in production.

- **Bug Resolution & Live Support:** Actively contributed to resolving more than **60 production bugs**, ensuring minimal downtime and maintaining application stability. Provided **live support** for production issues, collaborating with the team to troubleshoot and implement timely fixes.
- **Collaboration & Agile Methodology:** Worked closely with cross-functional teams including data analysts and UX Designers using **Agile methodology**, participating in daily standups, sprint planning, and retrospectives. Used **GitHub** for version control and **Jira/YouTrack** for task and project management.

UI QA Agent for GenAI Initiative (POC Development):

Led the design and implementation of a **proof of concept (POC)** for a **UI QA Agent** as part of the **GenAI initiative**. This service uses **Java 11** and **Spring Boot** to:

- **Extract Design Specifications from Figma:** Using a design ID provided in an Excel file, the service connects to **Figma** via API to fetch design specifications in **JSON** format.
- **Fetch UI Standards from Excel:** The service retrieves **zero height standards and specifications** from Excel.
- **Web Scraping & HTML/CSS Collection:** Uses **Selenium** with **JavaScriptExecutor** to access a given URL (also provided in Excel), extract HTML and CSS of the UI developed by the team, and collect it for testing.
- **Automated Test Case Prompting:** The service integrates the above data to generate a prompt that provides a summary of the **Figma design specifications, UI standards, and HTML/CSS**. This prompt is then used for feeding into a **Large Language Model (LLM)** for automated test case verification.

LARSEN AND TOUBRO INFOTECH MINDTREE, Software Engineer (Full Stack Java Developer)

Jun 2021 – present | Mumbai

GPA AUTOMATION AND TRANSFORMATION (CITI BANK PROJECT):

- Integral part of the Automation team, automating applications to enhance efficiency.
- Full Stack Java Developer for Citi Bank's Runbook Application (RBA) built with **Spring Boot and Angular 15**.
- Developed RBA, automating middleware tasks configuration and executions. Managed servers, instances, and components through reusable Runbooks.
- Part of development of web-based RBA application using Java, Angular, Spring Boot, and REST Web Services. Ensured optimal user experience through responsive UI design using Material UI.
- Proficient in Spring Boot, Spring Hibernate ORM, JPA, JIRA, and SDLC lifecycle.
- Implemented security using **Spring Security**, and utilized **GraphQL** on the backend and Apollo Client on the frontend for network traffic management.
- Automated manual tasks on websites for data extraction using **Selenium scripts** in Java.
- Contributed extensively to documentation efforts and maintained an up-to-date knowledge base.

EDUCATION


Thadomal Shahani Engineering College,

Jun 2017 – Jun 2021 | Mumbai

Bachelor's in Engineering (EXTC)

CGPA : 9.45/10

CERTIFICATES

- Oracle Certified Professional Java SE 11 Developer 
- Java Specialization phase – LTI Learning and Development Team
- Java Spring Boot Top Up – LTI Learning and Development Team