

Aayush Srivastava

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SKILLS

Languages: Java, JavaScript, Typescript, SQL, Python, HTML/CSS

Frameworks: Spring, Spring Boot, Spring Data JPA, Spring Session, Selenium, Node.js, TestNG, playwright, Axios, Mocha, Bootstrap, Thymeleaf, Handlebars

Databases: MySQL, PL/SQL, MongoDB, Couchbase

Tools: Git, Maven, OpenShift, Nexus, Camunda, Kubernetes, Jenkins, Jira, Helm, Bitbucket, Postman.

EXPERIENCE

Amdocs

Pune, Maharashtra

Software Developer

Jul 2022 – Present

- Developed efficient Selenium-based automation framework in java using Spring, featuring multithreading, custom reporting, video recording, screenshot capture capabilities reducing manual efforts by over 80%.
- Engineered critical framework modifications by developing 4 new utilities using JavaScript, TypeScript, Axios for the company's Headless Testing JavaScript framework improving functionality.
- Exceeded role expectations by delivering more than 10 feature demos to global stakeholders, with 4 accomplished within a 2-month period, 2 times the team's average frequency.
- Facilitated the stability of the organization's CI/CD pipelines on Jenkins. Handling micro-service deployments using tools such as OpenShift, Kubernetes. Also managed workflow orchestrations using Camunda ensuring the functionality of application.
- Adopted new technologies, like Playwright, reducing script execution times by more than 70% and script development times by 40%, improving overall framework efficiency.

Mankind Pharma

Delhi, New Delhi

Information Technology Intern

Jan 2022 – Jul 2022

- Created advanced supply chain data analysis dashboards with Tableau and proprietary tools, leading to a 15% increase in supply chain responsiveness.
- Incorporated SQL and TabPy for complex data manipulation and visualization tasks, producing impactful data-driven insights that guided senior management's strategic decisions, contributing to a 35% increase in efficiency in decision-making processes.
- Led comprehensive functional and requirement analysis of high-performance Field Force application's modules and features, identified strengths and opportunities for improvements and proposed 2 new enhancements to streamline workflow processes boosting efficiency of company's field force.

PROJECTS

Online Tuition Application [GitHub](#) [HTML, CSS, JavaScript, Node.js, MongoDB]

- Developed a full-stack web application helping teachers and students with topic specific tuition sessions.
- Enabled teachers to register tuition sessions, allowing students to select based on a comprehensive rating system.
- Designed unique rating algorithms for students and teachers, improving selection accuracy by 35% and reducing selection time by 25%.
- Incorporated a feature for price negotiations within the application, ensuring mutually agreed upon pricing.
- Optimized and managed MongoDB Cloud as the application's backend data storage solution, enhancing scalability and supporting a 40% increase in data handling capacity.

Astra Bank Portal [GitHub](#) [Java, Spring Boot, JDBC, MySQL, HTML, CSS, Thymeleaf]

- Implemented an online banking portal utilizing Spring Boot and Microservice architecture, contributing to a 60% increase in system modularity, 40% enhancement in scalability, and a 30% improvement in maintainability.
- Engineered JDBC implementation for seamless MySQL Database connection, ensuring uninterrupted data persistence using Spring data JPA, optimized query performance, resulting in 40% reduced database response time.
- Executed containerization using Docker to package the application and dependencies as a single unit.
- Implemented a robust web HTTP session system using Spring Session, enabling seamless initiation of web sessions upon login.

EDUCATION

Bachelor of Engineering in Electronics and Computer Engineering

Jul 2018 – Jun 2022

Thapar Institute of Engineering and Technology

Patiala, Punjab

CERTIFICATES

- Lean Six-Sigma Green Belt – Six-sigma academy Amsterdam (Udemy)
- Corporate Finance II: Financing Investments and Managing Risk – University of Illinois (Coursera)