

RESUME

TUSHAR RUDRAKAR

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Professional Summary:

Highly skilled and motivated Java Developer with 2.5 years of experience in designing and developing scalable Java applications using Spring Boot. Proficient in various Java frameworks and technologies. Adept at collaborating with cross-functional teams and implementing software engineering best practices. Strong background in full software development lifecycle and Agile methodologies.

Work Experience:

Java Developer with Spring Boot | Neebal Technologies Pvt. Ltd, Mumbai | Dec-2021

- Developed and maintained robust, high-performance Java applications using Spring Boot, ensuring scalability and reliability.
- Collaborated with front-end developers to integrate user-facing elements with server-side logic, ensuring seamless user experiences.
- Implemented RESTful APIs and microservices architecture, improving the efficiency of communication between different parts of the application.
- Utilized Spring Security for authentication and authorization, implementing secure access control mechanisms.
- Worked closely with database administrators to design and optimize database schemas, ensuring efficient data storage and retrieval.
- Conducted code reviews, identified bottlenecks, and optimized code for improved performance and maintainability.

Education:

Bachelor of Engineering in Electronics and Telecommunication | G.H. Rasoni College of Engineering (RTMNU), Nagpur | 06-2016 – 06-2019.

- Relevant Coursework: C Programming, C++, Data Structures, Algorithms, Object-Oriented Programming, Database Management Systems.

Skills:

- Programming Languages: Java Spring Boot, JPA, spring model view and controller, Selenium Automation in Spring Boot, MySQL, PostgreSQL, basics of JavaScript, RPA (Robotic Process Automation), and Basics of Kubernetes.
- Frameworks/Libraries: Spring Boot, RESTful APIs.
- Amazon web services: Secret Manager, S3 Service.

- Azure Service: Blob storage.
- Databases: MySQL, PostgreSQL, MongoDB.
- Tools: IntelliJ IDEA, Eclipse, Git, Maven.
- Web Technologies: HTML, CSS, JavaScript.
- Operating Systems: Windows, Linux, Mac IOS.
- Strong Problem-solving and Analytical Skills
- Excellent Team Collaboration and Communication Skills

Certifications:

- Robotic Process Automation (RPA)

Training:

- Java, MYSQL, Spring Boot, Chatbot Application, RPA.

Projects:

1. AI-GPT with Spring Boot.

- Developed a sophisticated AI-driven chatbot using GPT (Generative Pre-trained Transformer) technology and integrated it into a Spring Boot application.
- Implemented natural language processing (NLP) techniques to enable intelligent conversations and responses within the chatbot.
- Engineered a summary generation module within the AI-GPT chatbot, enabling the automatic extraction and synthesis of key information from lengthy documents or articles.
- Integrated the chatbot system with Google Custom Search API to enable seamless access to Google's search engine capabilities.
- Implemented custom search queries, leveraging Google's powerful search algorithms to fetch highly relevant and accurate search results.
- Utilized the API's capabilities for personalized search experiences, allowing users to retrieve specific information tailored to their queries.
- Ensured secure and efficient communication between the chatbot application and the Google Custom Search API, optimizing search performance and response times.

Key Achievements:

- Successfully developed and deployed the AI-GPT chatbot, enhancing user engagement and providing intelligent, contextually relevant responses.
- Improved information accessibility and user experience by implementing the summary generation and consolidation engine, reducing the time users spent searching for relevant content.
- Enhanced the chatbot's functionality by integrating it with Google Custom Search API, expanding the range of information available to users and improving search accuracy.

Technologies Used:

- Java, Spring Boot, GPT (Generative Pre-trained Transformer), Natural Language Processing (NLP) techniques, Google Custom Search API, RESTful APIs, Microservices Architecture, and Machine Learning Algorithms.

2. Outward Remittance.

- Outward remittance refers to sending money or making a payment from one country to another. It involves transferring funds overseas, either for personal reasons such as family support, education, or travel, or for business purposes like investments, trade, or paying for services.
- This process usually involves a bank or a financial institution that assists in the transfer of funds across borders, following specific regulations and procedures set by the respective countries involved.
- Production Issues fixes and development and given support to the bank.
- Working on Kubernetes cluster.

Key Achievements:

- Learned how to use Kubernetes commands and how to check logs with the help of code and logs.
- Coordinate with clients and resolve their issues.
- Perform housekeeping activity every month for Mongo dB utilization and overcome the sizes of collection.
- Pods servers start and stop or restart servers with the use of Kubernetes commands.

Technologies Used:

- Java, Apache Camel, Third party API, RESTful APIs, Mongo DB, kubernative clusters.

3. Sequel String

- The Robotic Process Automation wherein repetitive tasks (processes) need to be performed/scheduled for different clients on Third party websites. With Ever ever-expanding scope of business and the volume of tasks managing these tasks/Processes for different customers was very cumbersome and time-consuming for the client. As a solution to the above-mentioned problem, Swato Motion Console is built which helps to manage all the processes in the remote locations using the console.

Key Achievements:

- Analysing and Debugging issues.
- Check API responses and changes.
- Production Deployment and Testing.
- DB Script Creation and Execution.
- Find out errors in code and fix them.

Technologies Used:

- Java, Spring Boot, RESTful APIs, MySQL.

4. Udaan (UPL)

- Experienced Java Spring Boot Developer with expertise in implementing CR (Change Request) functionalities and utilizing Oracle databases for backend operations within the Udaan project. Proficient in AngularJS for frontend development, ensuring seamless integration and user-friendly interfaces. Demonstrated ability to deliver robust solutions, leveraging both backend and frontend technologies to meet project objectives effectively.

Key Achievements:

- **Successful Implementation of CR Functionality:** Spearheaded the development and implementation of Change Request (CR) functionalities within the Udaan project, enhancing the system's flexibility and adaptability to evolving requirements.
- **Optimized Backend Operations with Java Spring Boot:** Streamlined backend processes by leveraging Java Spring Boot, resulting in improved system performance, scalability, and maintainability.
- **Efficient Database Management with Oracle:** Effectively utilized Oracle databases to store and manage critical project data, ensuring data integrity, security, and accessibility for seamless backend operations.
- Check API responses and changes.
- Production Deployment and Testing.
- DB Script Creation and Execution.
- Find out errors in code and fix them.

Technologies Used:

Java, Spring Boot, RESTful APIs, Oracle Database, Angular JS.

5. Chatbot on the cognitive automation platform

- This is a weekly review rating session in which the employee and the reporting manager connect and rate the employee as per the performance. This data gets stored in the Google spreadsheet. The rating helps in tracking the overall performance of the employee during the probation period.
- The client is automating MOPQ weekly review ratings with the help of a chatbot, which will increase the productivity of the organization. Departments like Production, Human Resource Management, Research and Development, Accounting and Finance, etc. spend a lot of time in this process.

Key Achievements:

- MOPQ chatbot Design and development.
- Integration with Google chat and Testing.
- API creation and data Extraction.

Technologies Used:

- E42 chatbot tool, RESTful APIs.

6. RPA Automation.

- Utilized RPA for process automation using the Electroneek Studio Pro tool.
- Automated Agile board applications, streamlining the collection of project records through automation.
- Implemented ticket insertion into Agile boards by leveraging automation, which seamlessly connects with APIs and performs background activities.
- Proficient in collecting records from databases and inserting data into Excel sheets or Google workbooks through automation processes.
- Demonstrated ability to integrate RPA solutions with various systems and applications, ensuring seamless connectivity and data flow.
- Implemented RPA to enhance data security protocols, ensuring the confidentiality and integrity of sensitive information.
- Successfully scaled RPA solutions to handle increased workloads during peak periods, contributing to improved operational scalability.
- Applied RPA for regulatory compliance, implementing rules and guidelines to ensure adherence to industry standards.
- Provided real-time operational insights using RPA, facilitating data-driven decision-making and continuous process improvement.

Key Achievements:

- Realized time and resource savings through automated data collection and insertion processes.
- Demonstrated adaptability by seamlessly integrating RPA with diverse systems.
- Enhanced data security protocols, ensuring confidentiality and integrity of sensitive information.
- Provided valuable operational insights through real-time analytics and reporting.

Technologies Used:

- Electroneek Studio Pro Tool, Orchastrotor for project deployment and for automation activity.

Personal Details

Name : Tushar Rudrakar

Father's Name: Mr. Narendra Rudrakar

Mother's Name: Mrs. Pratibha Rudrakar

Languages Known: English, Hindi, Marathi.

Date of Birth: 17/08/1995

Gender: Male

Marital status: Married

Date: __/__/____

Place : Nagpur

(Tushar Rudrakar)