

# Harsh Rathore

## Software Engineer

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### PROFILE

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Motivated Java developer with experience in Java, Spring, Spring Boot, and microservices. Skilled in building scalable applications using Hibernate, SQL Server, and IntelliJ IDEA. Quick learner with strong problem-solving abilities and a focus on writing clean, efficient code.

### PROFESSIONAL EXPERIENCE

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#### ESQ MANAGEMENT SOLUTIONS PVT. LTD,

06/2024 – 11/2025 | Noida-India

*Software developer*

- Designed and implemented a high-performance, event-driven automation system supporting multi-threaded workflows and real-time decision-making.
- Developed and optimized a dynamic scheduling engine to handle sequential and concurrent execution of tasks across diverse data sources and endpoints.
- Integrated a Rhino-based JavaScript execution engine to enable customizable, script-driven actions within workflow processes.
- Built a modular, plug-and-play adapter system for interacting with third-party services via email, SMS, WhatsApp, FTP/SFTP, and other channels.
- Implemented Basic Authentication mechanisms to secure access to internal services and external communication layers.

### SKILLS

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**Languages Frameworks & Technologies:** — Java, Spring, Spring Boot, OOPS, SQL, JPA, Hibernate,

**Web & API Development:** — RESTful APIs, Microservices, JDBC, HTML, CSS, JWT, Authentication,

**Database languages & Tools:** — Hibernate ORM, MS SQL Server, NoSQL, JPA, DBMS, SQL proficiency,

**Development Tools & Tech:** — IntelliJ/VSCode, Git, JIRA, Gitlab, Github, Postman, J2EE, XML, Maven

### PROJECTS

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#### Dispatcher, Event-Driven Workflow Automation System

It is an event-driven dispatcher system that reads alerts from emails or files, processes them, and triggers automated decisions and notifications for third-party applications. The system delivers fast, reliable and seamless automation and efficient workflow management.

- Worked with multi-threaded workflow engine with in-memory caching for improved performance.
- Assisted in optimizing sequential and parallel task execution for faster processing.
- Implemented dynamic scripting support using the **Rhino JavaScript engine**.
- Supported job scheduling and dynamic modular adapter invocation for flexible integrations.
- Worked with **Java, Spring Boot, Microservices, Multithreading, Rhino, and Caching**.
- Participated in code reviews and contributed to improving overall code quality and maintainability.

**Workspace, Status Tracking, Vue.js-based interface**

Integrated external API data into the front-end using a secure API proxy, enabling dynamic, real-time updates for a responsive user experience. Optimized seamless communication between the backend API and UI for improved performance and efficiency.

- Consumed and processed API data via an API proxy for secure and efficient communication
- Enabled dynamic updates by integrating backend API results with the frontend UI
- Implemented seamless interaction between API layer and UI for responsive user experience

**EDUCATION**

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<b>B.tech IT, DR. APJ Abdul Kalam University</b>	2020 – 2024
<b>Senior Secondary, Rajkiya Prathibha Vikas Vidyalaya</b>	2018 – 2019
<b>Secondary, Rajkiya Prathibha Vikas Vidyalaya</b>	2016 – 2017

**DECLARATION**

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I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

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**Harsh Rathore**  
New Delhi