# Raushan Raj

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## Experience

**UKG** **January 2024 – Current**

*Senior Software Engineer* *Noida, India*

- Led a seamless technology upgrade of the UKG Dimensions Workflow Service by upgrading core components to Java 17, Spring Framework 6, and Apache Tomcat 10.1.35. Proactively identified and resolved critical dependency conflicts, API and UI issues, and performance bottlenecks, resulting in improved system stability and overall service efficiency.
- Designed and validated SOP for tenant migration across geographical regions by restoring the schema dump, while ensuring data consistency and operational reliability.
- Initiated the end-to-end migration of Splunk Enterprise to Splunk Cloud by implementing log data migration to a newly defined index, ensuring data integrity, continuity, and minimal service disruption.
- Built unified dashboards on Splunk Cloud and Grafana Cloud for the staging (pre-prod) environment, enabling centralized monitoring and improved visibility into system health.
- Optimized in-memory cache within Activiti BPMN engine's code after conducting a thorough impact analysis, reducing cache size by 25% and significantly improving application performance and resource efficiency.
- Engineered an automated purge scheduler to efficiently delete historical transactional data, integrating logging, monitoring, and error handling for system reliability. This resulted in reduced costs and improved database performance by approximately 30%.

TechStack: **Java, Spring Boot, Postgre SQL, Prometheus, InfluxDB, XML**

**UKG** **July 2022 – December 2023**

*Software Engineer* *Noida, India*

- Orchestrated the development of automation project for the Auth0 org initiative and reduced manual testing effort from over 12 hours to just 1.5 hours while minimizing errors.
- Resolved several critical bugs, effectively reducing Time to Live (TTL) by 50% and ensuring seamless operational continuity.
- Delivered scalable and resilient solutions within a collaborative environment and collaborated with cross-functional teams to achieve business objectives, following Agile and SDLC methodologies, resulting in revenue increase and stand out to compete better against the suite providers.
- Created integrated Splunk and Grafana dashboards for real-time production monitoring, enabling precise daily performance analysis, rapid issue identification, and improving service efficiency by 30%
- Configured proactive alerts in Splunk and Grafana for key service metrics to detect potential issues before the end users report it.

TechStack: **Java, Spring Boot, Selenium, Prometheus, InfluxDB, XML**

## Education

- **INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD** **Jul. 2018 – June 2022**

*B.Tech. in Information Technology* *Prayagraj, India*

## Technical Skills

**Languages**: C++, Java, Python, JavaScript, SQL
**Relevant Coursework**: Data Structures and Algorithms, Operating Systems, OOPS, DBMS
**Miscellaneous**: JUnit, Mockito , Git, Linux, Microservices, Spring Boot, Docker, Kubernetes, Splunk, Grafana
**Databases**: MySQL, PostgreSQL, MongoDB

## Achievement

Bronze Award **UKG**

- Received the Bronze award at UKG in recognition of outstanding contribution. April 2025
- Runner up in UKG's Bedrock monthly Contest. September 2024
- Finalists of UKG's 48 hours GenAI hackathon. April 2023