

RAUSHAN RAJ

Mobile : +91 9122428601

Email : raushan.raj.swe@gmail.com

LinkedIn : raushanraj

Github : raushanraj

EDUCATION

- **Indian Institute of Information Technology Allahabad** Prayagraj, Uttarpradesh
B.Tech in Information Technology ; CGPA : 7.17/10 July 2018 – June 2022

WORK EXPERIENCE

- **Ultimate Kronos Group (UKG)** Noida, India
Senior Software Engineer January 2024 – Present
 - Implemented logic in Java for **Activiti BPMN**'s code to optimize in-memory cache, resulting in a significant reduction in cache size by **25%** while maintaining uninterrupted service functionality.
 - Developed a comprehensive **Splunk dashboard** to actively monitor resource utilization on production, enabling daily performance analysis by determining problem areas accurately and enhancing service efficiency by **30%**.
- **Ultimate Kronos Group (UKG)** Noida, India
Software Engineer July 2022 – December 2023
 - Delivered numerous critical bug fixes, effectively reducing **Time to Live (TTL)** by **50%** and ensuring seamless operational continuity.
 - Increased code coverage to **85%** on an average by writing comprehensive unit tests, enhancing software quality and reliability.
 - 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 by **200%** and stand out to compete better against the suite providers.
 - Developed an automation project for **Auth0**'s adoption to streamline manual business operational tasks, reducing manual effort from **12hrs+ to 2hrs** and minimizing errors in business operational tasks.

PROJECTS

Cricket Shots Classification using CNN **Tech Stack** : Python, Tensorflow, Sklearn Library

- Developed a model using **CNN** to classify input images of cricket shots into 6 different categories namely Cover Drive, Straight Drive, Cut Shot, Pull Shot, Scoop Shot and Leg Glance with an accuracy of **92.2%**.
- Useful for doing an **automated commentary** during a live Cricket match.

Product Recommendation System **Tech Stack** : Python, Numpy, Pandas

- Developed a Machine Learning model using **content based** and item to item based **collaborative filtering** techniques for recommending products to users.

SKILLS

- **Programming Languages** : C, C++, Java, Python, JavaScript
- **Relevant Coursework** : Data Structures and Algorithms, Operating Systems, OOPS, DBMS
- **Miscellaneous** : JUnit, Mockito, MySQL, Git, Linux, Microservices, Docker, Kubernetes, Splunk,

ACHIEVEMENTS

- **Finalists** of UKG's 48 hours **GenAI** hackathon.
- Runner up in **UKG's Bedrock** monthly Contest.
- **Global Rank 369** among 12k+ participants in Codechef July Cook-Off (Division 2) 2020.