

RAUSHAN RAJ

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EDUCATION

- **Indian Institute of Information Technology Allahabad** Prayagraj, Uttarpradesh
B.Tech in Information Technology ; CGPA : 7.17/10 July 2018 – June 2022
- **Shaheed Bhagat Singh Inter College** Japla, Palamu, Jharkhand
Class XII ; Qualifying Board - JAC, Ranchi June 2016 – July 2018
- **Harvey Sone Valley High School** Japla, Palamu, Jharkhand
Class X ; Qualifying Board - JAC, Ranchi April 2014 – May 2016

WORK EXPERIENCE

- **Ultimate Kronos Group (UKG)** Noida, India
Software Engineer July 2022 – Present
 - Increased code coverage to 85% on an average by writing unit tests.

PROJECTS

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.

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

- Developed a model using CNN to classify input images of different cricket shots into 6 different categories namely Cover Drive, Straight Drive, Cut Shot, Pull Shot, Scoop Shot and Leg Glance.
- Achieved an overall accuracy of 92.2%.

Safarnama, Car Sharing Web App **Tech Stack** : HTML, CSS, PHP, MySQL

- Grouped together in a team of 5 members and designed the front end part of web application, which allows users to share the ride with another user travelling for a common destination at the same time.

SKILLS

- **Programming Languages** : C, C++, Java, Python
- **Java Unit Testing Framework** : JUnit5, Mockito, PowerMockito
- **Relevant Coursework** : Data Structures and Algorithms, Operating Systems, Object Oriented Methodologies, Database Management System
- **Functional knowledge** : Bitbucket, Jira, Confluence, Splunk, Rightscale, Jenkins, Docker
- **Tools Used** : Visual Studio Code, IntelliJ, SonarQube, Netbeans, PyCharm, Latex

ACHIEVEMENTS

- **Global Rank 369** among 12k+ participants in Codechef July Cook-Off (Division 2) 2020.
- **Rank 1** among 100+ students participated in English Quiz Competition held at District level.

LANGUAGE

- **English** (Full Working Proficiency)
- **Hindi** (Bilingual Proficiency)