Kshitij Taneja

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EDUCATION

JIIT NOIDA
BTech in Computer Science
Feb 2022 | Noida, UP
CGPA | 7.9

DELHI PUBLIC SCHOOL
Class 10th | Feb 2016| Agra, UP
CGPA | 10

LINKS

LinkedIn:// **kshitijtaneja**

COURSEWORK

UNDERGRADUATE
Software Development Fundamentals
Open Source Software Engineering
Operating System
Networks
Database Management System
Cryptography and its Applications
Machine Learning

SKILLS

PROGRAMMING
Erlang • Python • Redis
PHP• MySQL •Kafka•WebSocket
•EC2,S3,Lamda•Jira•Git,Version
Control•MERN Stack
Relevant Coursework
C • C++
Familiar:
Ejabberd•XMPP

EXPERIENCE

DRDO | Software Engineer Intern
July 2021 - August 2021 | Agra, India
- **Developed**:an internal tool combining backend and frontend functionalities for automating employee attendance updates, utilizing Python and Flask.
- **Designed and Implemented**:RESTful APIs to streamline attendance tracking, reducing the manual update process by **15 minutes** per employee.
- **Engineered**:a system that not only recorded attendance but also logged employee out-times, improving data accuracy and administrative efficiency.

OCTRO INC | Member of Technical Staff 1
Feb 2022 – June 2024 | Noida, India
- **Led the Migration**:of **authentication** services for the Teenpatti game from **PHP to Erlang**, successfully reducing network calls and decreasing time delays by **10 percent**.
- **Engineered**:the PlayRummy game, a real money gaming platform, by developing and integrating the **Custodian Wallet**—a **Node.js** service that interacts with the Erlang server to manage financial transactions, processing approximately **100k transactions daily**.
- **Architected**:the missions feature for Indian Rummy, designing a separate mission service using **Kafka** and **Mnesia** to handle missions across all games, reducing the load on the central server by **80 percent**
- **Developed**: the PowerUps feature in Indian Rummy, achieving a significant user engagement with **200k DAU** (Daily Active Users) and **14k daily active users**.

PROJECTS

Movie Recommendation System | Flask,React
- **Developed**:a user-friendly web interface allowing users to search for movies by name and view top-rated, most-watched films based on user preferences.
- **Implemented**:a recommendation algorithm using **collaborative filtering** and **content-based techniques**, trained on a comprehensive IMDB dataset to deliver personalized movie suggestions.
- **Optimized**:the model for performance, achieving a prediction accuracy of **52 percent**.
- **Integrated**:The frontend using **React** and backend with **Flask**, ensuring seamless interaction between the client and server-side components, resulting in an intuitive user experience.

ACHIEVEMENTS

- Rated Specialist on Codeforces with a max rating of 1575.
- NTSE State Scholar Uttar Pradesh 2016
- Won best junior actor award during IPTA camp.