

Rahul Pareek

[LinkedIn](#) / [GitHub](#) / Email: rahulpareek9250@gmail.com / Mobile: +91 8766033130

TECHNICAL SKILL

Programming Languages	: Java, JavaScript, Python, C++
Web Technologies / Frameworks	: Node.js, Express.js, Django, HTML, CSS, Bootstrap, Mocha
Databases	: MongoDB, PostgreSQL
Tools & Libraries	: Mockito, JIRA, Postman, Kafka, Maven, Git, Kubernetes, Junit, Chai.js

EXPERIENCE

Software Engineer

Feb 2022 - Present

EdgeVerve

Hybrid

- Developed RESTful API for interest rate calculation in Finacle, a global financial platform utilized by over **150 banks in more than 100 countries**, that is serving user base of over **1.7 billion account holders**.
- Integrated **asynchronous api validations** in Finacle core components on basis of use case. In addition, I developed comprehensive sanity tests using Clojure for interest and tax components.
- Enhanced internal data hydration tool by incorporating additional features to handle multiple data types. Implemented **centralized JSON file access for core components** thereby reducing method calls along with removing redundant code and optimizing the source code. These efforts led to **20% improvement in the performance runs**.
- Optimized the logic responsible for JSON file parsing in the Finacle core component by adopting a more efficient approach utilizing parallel processing of data along with JsonParser to parse the file. This strategic enhancement led to a **34% reduction in the overall runtime of the component**.
- Utilized Jenkins and Kubernetes to implement a robust CI/CD pipeline for End-to-End (E2E) deployments of application and **improved the test coverage from 45% to 80%** for finacle core interest component.

Intern

May 2020 - Jul 2020

LinuxWorld Infotech

Remote

- I worked extensively with **Python, Pandas, NumPy** for data cleaning, feature generation, and implementing diverse **machine learning algorithms** based on the use case.
- Designed and implemented an **IP blocker** application using K-means clustering algorithm to proactively prevent unauthorized scraping attempts on the website.
- Mentored trainees and tracked their progress throughout the complete training phase. **Deployed App's** using Jenkins pipeline.

PROJECTS

AntiDiab

Node.js, Express.js, MongoDB, Bootstrap

- A web app to predict whether a user is prone to diabetes or not. Utilized the RapidAPI local business data API to fetch nearby doctor's locations and Integrated custom AskAI assistant for chat support.
- Revamped the backend using Node.js, Express.js and utilized MongoDB Atlas as the database. Used HTML, Bootstrap for the frontend.

Indian Sign Language (ISL) Translator

Django, SQLite, Bootstrap, Blender

- A web app for enabling text-to-Indian Sign Language conversion, supporting input via voice or text.
- Utilized Blender for dynamic hand signs animation, SQLite as database, and HTML, Bootstrap for the frontend.

AQI-Meter

Node.js, Passport.js, Bootstrap, MongoDB, leafletJS

- A web app to check the Air Quality Index (AQI) at a specific location featuring a user-friendly tile view.
- Revamped the backend using Express.js, Node.js, and Passport.js for authentication. Employed MongoDB Atlas as the database and Leaflet.js for the map view.

EDUCATION

Rajasthan Technical University
B.Tech in Computer Science

Jaipur, Raj
2017 - 21