Rahul Pareek

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

TECHNICAL SKILL

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

EXPERIENCE

Software Engineer   Feb 2022 – Present
EdgeVerve   *Hybrid*

- Developed Scalable RESTful API for 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 **async API validation** to Finacle core components and developed comprehensive **sanity tests** using Clojure for interest and tax components.
- Enhanced internal data hydration tool by incorporating additional features to **handle diff data types.**
- Implemented c**entralized 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 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 enhancement led to a **34% reduction in the overall runtime of the component**.
- Developed and maintained multiple backend microservices, delivered exceptional results as a Backend Developer, contributing to multiple successful releases with high praise from the team, exceeding expectations.
- 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*

- Extensively worked with **Python, Pandas, and NumPy** for data cleaning, feature generation, and implementing various machine learning algorithms tailored to specific use cases.
- 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'n 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