K PRAVAKAR RAO

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EXPERIENCE

Comviva   Cotonou , Benin
ONSITE Developer for MTN-BENIN   10/2023 - 05/2024
- Redesigned the payment record database using proxySQL and Sharding, reducing query time by 30%.
- **Implemented** mobile money payments service using Kafka for recurring airtime and bundle purchases, **increasing** customer revenue by 3%.

Comviva   Bengaluru
Senior Software Engineer   07/2021 - Present
- Implemented Apache Kafka in a redesigned notification Spring boot service, **resulting** in a 50% decrease in load on Elasticsearch.
- Automated summarization, hourly batch processing, data deletion, and API routing in Elasticsearch for low-traffic transaction data of 10GB per day.
- Optimised bundle size by code splitting and lazy loading, improving **rendering time by 10%** and customer experience.
- Reduced Ngage query time by **30%** and built a React/Spring Boot dashboard for **6M** transactions/day by optimising queries and refining data flow.

Comviva   *Nginx| Load balancing| HA-Proxy| Redis| Monit| Reactjs| Nodejs*   Bengaluru
Product Development Intern   01/2021- 07/2021
- **Enhanced** user experience by 20% through **revamping** dashboard date selection.
- Extended shortcode limit from previous 10 to current 32 characters, enhancing support for mobile-generated SMS.

LEADINGINDIA.AI   *Python | Natural Language Processing |NaoQi | SKlearn*   Noida
Deep Learning Intern   06/2019 - 07/2019
- Endeavoured on NAO Humanoid robot project utilising natural language processing and Gesture-based voice recognition enables object tracking by navigating through obstacles with accuracy 95%.

SKILLS

Backend: Java| Spring | Nodejs | Redis | Elasticsearch |Apache Kafka| Nginx| Grafana| MySql| Express, Bash| Kubernetes| Docker|AWS S3.
Frontend : React| Redux| Html| css| javascript| Next| Reflux| RTK Query.
TOOLS / PLATFORMS: Git| Docker|Agile |Jira | Postman |Monit |Linux | Gitlab | MatplotLib.

EDUCATION

National Institute of Technology Durgapur   Durgapur
Master of Computer Applications(MCA)- GPA : 8.45   08/2018 - 04/2021

PROJECTS

The Cozy Cabin | github   Reactjs| Supabase| styled-components |react-query   2023
- Custom built in application to manage everything about the hotel bookings , cabins and guests
- Used RTK Query for data fetching and UI, cutting rendering time by 15%. Handled user auth with Supabase.

S3 UPLOADER | github   Spring boot | AWS S3 | Reactjs |Html | css | react hooks   2022
- This application allows users to store and upload files in amazon S3 of any type through a Web App by drag and drop feature.
- Used React and Spring Boot for 40% faster file uploads and seamless link generation.

HEART DISEASE PREDICTION | **github** |Html| Css| Bootstrap| Python |Flask | Sklearn |Pickle.   2019
- WebApp that predicts Heart Disease likelihood using 12 health parameters such as cholesterol, blood pressure,etc.
- Implemented support for multiple ML algorithms achieving 99% accuracy: Logistic Regression, KNN, SVC, etc.

CERTIFICATION AND WORKSHOP

NVIDIA Deep Learning Institute   2019
- Fundamentals Of Deep Learning For Computer Vision.

BENNETT University   **Noida 2019**
- WorkShop On Artificial Intelligence and Deep Learning.

EXTRA CURRICULAR ACTIVITIES

- Volunteered at 4th international Conference on Computational Intelligence in Data Mining.   vssut , burla   (2017).
- Represented my district in the Under-15 Inter-district Odisha cricket championship.