Yashaskara

Senior Software Engineer

⦿ Bangalore | ☎ +91-8951898327

🔗 [Linkedin](#)

✉ kryj999@gmail.com

Skills

- **Programming Languages** : Python, JavaScript
- **Libraries and Frameworks** : React

Experience

Senior Software Engineer   Apr 2023 - Sep 2024

Netcore Unbxd   Bengaluru

- Designed and implemented configuration-driven, reusable UI components in React, enhancing component scalability and maintainability across the project.
- Refactored legacy code to improve component modularity, resulting in increased efficiency and ease of maintenance.
- Spearheaded UI performance optimization, reducing initial load times from 10 seconds to 5 seconds, enhancing user experience and application responsiveness.
- Mentored junior developers on React best practices, guiding them in writing clean, efficient, and maintainable code, which improved overall team productivity.

Software Engineer   Apr 2021 - Mar 2023

Netcore Unbxd   Bengaluru

- Spearheaded the migration of React class components to functional components, improving performance, readability, and future scalability of the codebase.
- Integrated one of our backend service with over 50 major marketplaces, including Amazon, Shopify, and Magento, through Python-based APIs, resulting in a 200% increase in customer traction and engagement.
- Designed and developed robust Python SDK APIs to handle internal CRUD operations, optimizing data management processes and improving backend efficiency.

Projects

Real Time Conversion of Sign Language to Speech

- Extracted key features from videos using Motion History Imaging and Optical Flow techniques for efficient analysis.
- Achieved 87% accuracy in converting videos to English text by training on the I3D model.
- Applied stratified K-fold cross-validation to enhance model performance and ensure robust results.
- Developed a Django web application in Python to host and showcase the project.

Education

PES University   2021

BE/B.Tech/BS in Electronics and Communication | 8.14 CGPA

Scaler

Specialized in Software Development & Problem Solving

Publications

Inflated 3D Architecture for South Indian Sign Language Recognition

https://ieeexplore.ieee.org/document/9688520

Dr. N. Krupa, M. Rathinagiriswaran, S. Managaokar, K. R. Yashaskara Jois and K. Vijaykumar Suvarna

2021 IEEE International Conference on Mobile Networks and Wireless Communications (ICMNWC)