Arjun V

Software Engineer

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in Arjun V Karekar
Arjunkarekar-07

EDUCATION

Jawaharlal Nehru National College of Enginnering   Shimoga, Karnataka

B.E   *2019-2023*

TECHNICAL SKILLS

Programming Languages : Python, Java, JavaScript, C++

Web Development : Bootstrap, Html5, Css3, kibana, Grafana, Express.js, React.

App Development : Flutter, Android Studio Java, XML.

Database : MySql, ElasticSearch, MongoDb , Redis.

Version Control : Git , GitHub

Containerization/ CI/CD : Ansible, Docker, Kubernetes, Kakfa, Logstash.

Operating Systems : Linux, Windows Shell.

Cloud Services : Google Cloud(gcp), Amazon AWS(ec2,ecs).

EXPERIENCE

Vunet Systems   Bengaluru, Karnataka (or Remote)

Solution Software Engineer   *June 2023 - Present*

- Leverage proficiency in ELK Stack, Kubernetes, docker and Linux.
- Implement proactive alerts and optimize system performance.
- Implemented Kafka streaming pipelines, write logic to parse and transform raw logs into meaningful data and Enrich the logs using Java Script.
- Implemented Ansible for automation, monitoring, and task optimization, including restarting Kafka pipelines and user impact alerts.
- Designed impactful data visualization dashboards using Kibana and Grafana, contributing to the Customer Success Group
- Bring more insights for better visualization using custom CSS, HTML and Javascript.

PROJECTS

Driver Drowsiness and Yawn Detection using AIML

- Engineered a drowsiness detection system using Python libraries (Dlib, OpenCV, Matplotlib) and CNN algorithms.
- Implemented face extraction with Dlib to accommodate various driver conditions.
- Developed thresholds based on the eye aspect ratio to accurately detect and alert drivers of varying drowsiness levels.
- Implemented the Dlib module to efficiently extract the facial region of the driver, ensuring robust detection even when the driver wears eyeglasses, masks, etc.

Ride Booking Application

- Developed a Flutter app for both iOS and Android, incorporating Google Maps API for geolocation.
- Led end-to-end development, ensuring a seamless experience for users.
- Implemented an efficient Admin Panel using React Js for centralized control.
- Engineered a secure and scalable backend with Laravel for optimal performance.
- Implemented a secure payment gateway for seamless transactions.

NGO Application
- Constructed a comprehensive NGO application integrating REST API for seamless data interaction.
- Implemented web scraping functionality to gather dynamic data, enhancing application content.
- Developed a robust system for generating dynamic PDFs, catering to diverse user requirements.
- Enhanced user experience by seamlessly integrating Paytm payment gateway for secure transactions.
- Oversaw the entire project lifecycle, ensuring successful execution and meeting project goals.