

VISAKH VARGHESE

Full Stack Developer (MERN | React Native) | AWS Certified Developer

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🔗 <https://visakhvarghese.github.io/Portfolio/> 📍 Kochi, Kerala



SUMMARY

Passionate **Linux Enthusiast** and **Full Stack Developer** with 2+ years of hands-on experience crafting and overseeing frontend and backend applications utilizing cutting-edge technologies. Proficient in a diverse array of programming languages, databases, and frameworks, with a knack for troubleshooting software issues and devising innovative solutions. Proven ability to troubleshoot software issues effectively and deliver innovative solutions to meet project requirements. Strong communication and collaboration skills, with a passion for staying updated with industry trends and best practices.

SKILLS

Technical Skills

Java • Python • JavaScript • TypeScript • Golang • ExpressJS • NodeJS • ReactJS •

Redux • Scala • Spark • Airflow • AWS • CI/CD Pipeline • MongoDB • Android •

React Native • Sybase • Cassandra • SQL • No-SQL

Soft Skills

Team Player • Leadership • Time Management • Adaptability • Resilience

EXPERIENCE

Software Engineer

Tata Consultancy Services 2022 - Present Kochi, Kerala

Worked with Nielsen as client, a leading global information, data, and measurement company, on various projects encompassing web development, data engineering, and standalone application development. My role involved implementing innovative solutions to meet client objectives and enhance user experiences, leveraging cutting-edge technologies and best practices in software development.

- Initially managed the enhancement of the Nielsen Content Link (NCL) application, which developed using React.js and Golang, for Nielsen's client, facilitating the creation, telecast, and airing of television programs tailored to available stations.
- Developed the Adhoc Reprocessing module, leveraging React Hooks, to facilitate the presentation and interaction with Video On Demand (VOD) data within the Nielsen Content Link (NCL) application, enabling seamless user actions and data processing.
- Oversaw the enhancement of the MediaEvents standalone application, ensuring seamless integration and transmission of all programs to downstream systems.
- Developed optimized Stored Procedures in Sybase to significantly improve data processing efficiency, enabling the rapid availability of results within shortened timeframes. Successfully migrated Tibco architecture processes into stored procedures, facilitating the retirement of Tibco systems.
- Implemented a new pipeline for the legacy application, enabling independent builds within GitLab CI/CD infrastructure. This facilitated streamlined development workflows, version control, and automated testing, ensuring efficient and reliable delivery of updates and enhancements.
- Developed automated jobs using Apache Airflow to orchestrate data processing tasks in Spark applications. Implemented a generic framework backed by a control database, enabling seamless execution on AWS EC2 instances. This setup ensured efficient data processing, scalability, and reliability in the cloud environment.
- Collaborated closely with both programmers and clients to ensure alignment with project requirements, goals, and desired functionality. This involved active communication, feedback incorporation, and iterative development to deliver solutions that met stakeholder expectations and business objectives effectively.

EDUCATION

MCA

Mahatma Gandhi University, Kerala

2019 - 2021

BCA

Mahatma Gandhi University, Kerala

2016 - 2019

HSS

Kerala State

2014 - 2016

PROJECTS

Plant Port

08/2020 - 11/2020 Kochi

Plant Port is a mobile application aimed at facilitating safe and efficient interactions between customers and shop workers amidst the Coronavirus pandemic.

- Customers can remotely join a virtual queue through the app, eliminating the need for physical waiting lines.
- This technology stack ensures compatibility with Android 4.0 while leveraging Firebase services for robust functionality, security, and seamless communication within the Plant Port application.

Travel Explorer

09/2021 - 01/2022 Kochi

Travel Explorer is a comprehensive web application designed to streamline and automate all processes related to travel and tours.

- Travelers can register accounts and create profiles, providing essential information such as contact details, preferences, and travel preferences.
- Tech stack including React.js, Node.js, MongoDB, and integration with JSON Web Tokens (JWT) for secure user authentication, ensuring a seamless experience for travelers and tour operators.

CERTIFICATIONS

AWS Certified Developer - Associate

https://www.credly.com/badges/27f6382d-2d29-4cd7-b533-8ea2fa130adc/public_url

Associate Cloud Engineer

<https://www.credential.net/1be78ec0-db92-4ad3-8a54-4e0ed5654482>

INTERESTS

Brainstroming, Tech Talks, Cricket, Music, Web Series, Fitness, Self-Improvement and Nutrition