

SANGEERTH B

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EXPERIENCE

Orinson Technologies Private Limited

Web Development Intern

Remote, Work from home

August 2024 – October 2024

- ACCOMPLISHED a 30% improvement in backend system performance as measured by reduced response times and increased throughput by engineering and optimizing scalable backend systems using Go (Golang).
- ACCOMPLISHED enhanced data security and integrity as measured by successful implementation of user authentication and authorization mechanisms by leveraging GORM and PostgreSQL.
- ACCOMPLISHED improved functionality and user experience as measured by seamless integration of RESTful APIs with front-end applications by collaborating with cross-functional teams.
- ACCOMPLISHED timely delivery of high-quality backend solutions as measured by adherence to project timelines by leading backend development efforts and aligning with industry best practices.

Earth 5R

Content Writer

Remote, Work from home

May 2024 – June 2024

- ACCOMPLISHED a 25% increase in online visibility as measured by enhanced website traffic and engagement by authoring high-quality, SEO-optimized content.
- ACCOMPLISHED global engagement and awareness as measured by a network of over 90,000 volunteers across 140+ countries by developing impactful reports and educational materials on sustainability.
- ACCOMPLISHED alignment with global climate action initiatives as measured by content strategy alignment with UN Sustainable Development Goals (SDGs) by promoting sustainability and amplifying impact.

PROJECTS

Sign Language Detection Application

- ACCOMPLISHED accurate sign language detection as measured by 95% detection accuracy by implementing a Convolutional Neural Network (CNN) model for real-time gesture recognition.
- ACCOMPLISHED seamless user interaction as measured by low latency and high responsiveness by developing the application using Flutter for cross-platform compatibility.

Sentiment Analysis Trading Bot Application

- ACCOMPLISHED real-time sentiment analysis of market data as measured by accurate predictions and improved trading decisions by developing a trading bot application using Flutter for the front-end and C++ for backend processing.
- ACCOMPLISHED enhanced user experience as measured by intuitive UI/UX and dynamic data visualization by integrating interactive dashboards and real-time analytics.

Transferit (Flutter)

- ACCOMPLISHED actionable financial insights as measured by processing over 1 million data points by designing and developing an advanced transaction analytics dashboard using Hive and SQL.
- ACCOMPLISHED improved user engagement and decision-making as measured by user feedback and interaction rates by creating an intuitive user interface with dynamic and interactive data visualizations.

SKILLS

Python, C, C++, Go, Dart, JavaScript, PHP, Flask, React, Bootstrap, SQL, NoSQL, Hive, Git, Docker

EDUCATION

Cochin University of Science and Technology (CUSAT)

Bachelor of Technology in Information Technology

- Coursework: Data Structures, Algorithms, Operating Systems, Networking, Software Engineering

Kochi, Kerala

2022 - present

Jawahar Navodaya Vidyalaya

- Class XII: 74% (2022)
- Class X: 83% (2020)

Palakkad, Kerala

KEY ACHIEVEMENTS

- Increased backend system performance by 30% at Orinson Technologies.
- Authored content that boosted online visibility by 25% at Earth 5R.
- Developed a trading bot with real-time sentiment analysis and a sign language detection app with 95% accuracy.