KRISHNAN S

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EXPERIENCE

CITICORP
Technology Summer Analyst

📅 May 2022 - July 2022   📍 Chennai, India

- Summer intern in the **Enterprise Infrastructure Operations and Technology** division of Citigroup.
- Developed a framework for validating and reporting any discrepancies after migration of approx. **1 billion** records of data spanning across multiple tables for each month, from **RDBMS** to **Hive**. This project helped Citi save roughly **$30.5K** annually. Tech Stack: **Python**, **PySpark**, **Oracle DB** and **Hive**.

INNOVACCER
Product Engineering Intern

📅 May 2021 - October 2021   📍 Noida, India

- Worked with the frontend team to develop the UI of a microservice called **Tenant Release Management**. This microservice essentially onboards a customer's complete infrastructure onto Innovaccer's multi-tenant data platform and helps reduce the deployment time of an entire customer infrastructure from **1 week to 4 hours**.
- Wrote unit test cases for the components developed using **Jest** and **Enzyme** libraries. Primarily worked with **React** and **Redux**.

PROJECTS

LOGISTICS APP | ⌗ Github Link

- Designed and implemented three multi-platform mobile applications utilizing **React-Native, Expo**, and **Firebase** to streamline logistics operations for customers, admins and delivery personnel.
- Prominent features of the app: real-time location tracking, QR and barcode scanning mechanism, OTP authentication and generating booking invoices as PDFs.

STOCKIFY | ⌗ Github Link | ⌗ Demo

- Developed an ML-based web app that can predict the closing stock prices of all the companies listed on **Yahoo Finance** for the next 4 years. Also, the top trending business news headlines for a specific country are fetched using **NEWS API**.
- Achieved an accuracy of approx. **93%**. Tech Stack: **Python, Streamlit, Facebook Prophet, Plotly** and **Pandas**.

NETFLIX CLONE | ⌗ Github Link

- Developed a full-stack web application that resembles Netflix using **React, Express, Nodejs, MongoDB** and **Firebase**.
- A separate application for the admin dashboard was developed, which allows an authorized admin to perform the CRUD operations and view the analytics of the users joining the Netflix clone app. Implemented **JWT authentication**.

PUBLICATIONS

Probabilistic Forecasting of the Winning IPL Team using Supervised Machine Learning | ⌗ Link

International Conference On Advanced Network Technologies and Intelligent Computing, 2022, Springer

EDUCATION

B.Tech. Information Technology
COE Guindy, Anna University

📅 2019 - 2023   📍 Chennai, India

- CGPA: **9.21/10.0** (Upto 7th Semester)

ISC Class XII
Hiranandani Foundation School, Thane

📅 2019   📍 Mumbai, India

- Secured **97 %**, with cent percent in Computer Science

ICSE Class X
Hiranandani Foundation School, Thane

📅 2017   📍 Mumbai, India

- Secured **92.3 %**

CODING PROFILES

Solved 500+ problems on Leet Code
- Profile: ⌗ skrishnan2001

6 star problem solver at Hacker Rank
- Profile: ⌗ skrishnan2001

4 star coder at Codechef (Max Rating: 1850)
- Profile: ⌗ im_the_game

TECHNICAL SKILLS

PROGRAMMING LANGUAGES:
- Java • Python • C++ • C • Javascript

IT CONSTRUCTS:
- Data structures & Algorithms • RDBMS • OOPS • OS • Computer Networks

FRAMEWORKS and LIBRARIES:
- **FRONTEND:** • React.js • Bootstrap • CSS
- **BACKEND:** • Node.js • PHP • Django (basic)
- **DATA SCIENCE:** • NumPy • Matplotlib • Pandas • Sklearn • Streamlit
- **BIG DATA:** • Hadoop • Hive • PySpark
- **APP DEVELOPMENT:** • React-Native

DATABASES:
- MySQL • PostgreSQL • Firebase • MongoDB

DEVOPS:
- Docker • AWS: S3, DynamoDB, EC2, Cognito, Amplify • Git