Sri Hari S |

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Career Objective

Aspiring data scientist with good analytical and interpersonal skills. Seeking to apply a thorough understanding of advanced mathematical concepts and extensive programming experience in the position of a Data Scientist. Coming with a deep passion for Computer Science and solid research skills.

Education

Under Graduation

Course: B Tech (Computer Science and Engineering) - Amrita School of Engineering, Amrita Vishwa Vidhyapeetham, Coimbatore (2017 - 2021).
CGPA: 8.94/10 (as on 6th semester)

Higher Secondary Education

Subjects: Mathematics, Physics, and Chemistry - VelocIITy Junior College (Kalam Campus), Hyderabad (2015 - 2017; Telangana State Board of Intermediate Education (TSBIE)).
Percentage: 89.5 %

Secondary Education

School: St.Judes Public School and Junior College - 2014 - 2015; Indian Certificate of Secondary Education (ICSE).
Percentage: 87.2 %

Areas of Technical Interest

1: Database Management and Systems
2: Machine Learning and Neural Networks

Technical Skills: Python, Java, Machine Learning, Neural Networks (Keras), React JS, Node JS, Amazon Web Service, SQL, Blockchain Technology.

Project

Pneumonia Detection Using Deep Convolutional Neural Network (Course Project)

Duration: 2 Month
Objective: Built a CNN model to classify an X-Ray to be affected by pneumonia or not. We also implemented transfer learning using the VGG-16 model and it resulted in nearly the same accuracy.
Tools used: Keras, Pandas, Matplotlib, Seaborn.

Image Denoising Using Autoencoders (Project-based on self-interest)
Duration: 1 week
Objective: Built an Autoencoder model to take in an image with added noise and the model tries to remove unnecessary data augmented with the essential data.
Technical Stack: Keras, Pandas, Matplotlib, Seaborn.

Occupancy Chart Generation(Web Application - Course Project)
Duration: 5 Month
Objective: Visualization of the timetable according to user specifications. Followed the Agile methodology and worked as a Scrum Team in which held the role of a Developer and DevOps.
Tool Stack: Node JS, React JS, AWS (RDS, EC 2), MySQL, Github - actions(for version control and continuous integration),Netlify (for continuous deployment).

Painting Hiring System(Design System - Course Project)
Duration:4 Month
Objective: This project was done under our DBMS course work. It was a viable implementation of a design system.
Tools involved: MySQL, Node JS, React JS, Express JS, Google Cloud Platform (VM Instance, SQL, AI Platform).

Aadhar based e-wallet for use in the public transport sector (Web Application - Proof of Concept for Research)
Duration:1 Month
Objective: Created an e-wallet based on Aadhar Number and modules to issue and delete tickets using the same.
Software Stack: Node JS, React JS, Express JS, Google Cloud Platform (VM Instance, SQL, AI Platform), QR Code Scanners.

Messaging Application with integrated Biometric security system (Proof of Concept for Research)
Duration: 3 Months
Objective: Double verifying the identity of the sender in the Messaging Applications/Online Banking System.
Tools: Android SDK, JAVA, API to access Mobile Fingerprint sensor.

Experience :

- Organization: Technical And Administrative Training Institute, Muscat - (April 2019 - May 2019).
  Objective: **Internship** in Android Application Development (UI/UX Designing).
- **Event Manager** - Anokha 2020.
- **Finance Coordinator** - Anokha 2019.
- **Hospitality Coordinator** - Anokha 2018.
- **Volunteer** - Robinhood Army, Coimbatore.
- **Volunteer** - AmalaBharatham (Clean India Campaign), Coimbatore.

Accomplishments and Certifications :

- Research Publication titled "**Enhancing Security of One Time Passwords in Online Banking**

Systems" is published in the **International Journal of Recent Technology and Engineering** (Scopus Indexed), Information Security and Reliability - February 2019

- Presented a paper in **Seventh International Conference on Contemporary Engineering and Technology**, Security in Online Banking Systems - March 2019 / Chennai, India.
- Research Publication titled "**Integrity Preserved Multifactor Authentication Based Automated Ticketing System**" is published in the **International Journal of Advanced Science and Technology** (Scopus Indexed), Blockchain Technology - February 2020.
- Presented a paper in **International Conference on Computing, Communication, and Control(ICCCC-2020),** Pragmatic application of Blockchain Technology in daily lives - February 2020 / Chennai, India
- EF SET English Certificate 79/100 (C2 Proficient) - (English Proficiency Test)
- Neural Networks and Deep Learning (deeplearning.ai)
- Google Cloud Platform Big Data and Machine Learning Fundamentals(Google Cloud Platform)
- Introduction to Deep Learning & Neural Networks with Keras (IBM)
- Introduction to Data Science in Python (University of Michigan)
- Custom Prediction Routine on Google AI Platform (Google Cloud Platform)
- Create Customer Support Data with Google Sheets (Coursera)
- How Google does Machine Learning (Google Cloud Platform)
- Understanding Deep Fakes with Keras (Coursera)
- Applied Plotting, Charting & Data Representation in Python (University of Michigan)
- Demonstrated my projects at Techfair 2020 which was a part of Anokha 2020.
- Organized a full-day workshop on **Kotlin** at Amrita Vishwa Vidhyapeetham for over 80 students.
- Attended a Workshop on **"Introduction to Blockchains".**
- Secured within the **top 10** positions in a 12-hour **AISmart Hackathon** conducted by **Intel** organized at Amrita Vishwa Vidyapeetham, Coimbatore.
- Participated in a 24-hour **hackathon** conducted by **Honeywell** organized at Amrita School of Engineering, Bangalore.

Personal details:

Date of Birth:17 November 1999.

Language proficiency: English (4.85/5), Tamil (4/5), Hindi (4/5), Telugu (3/5).

Interests: Swimming, Hiking, Reading.

Place: Coimbatore

Date: 23 August , 2020.

Signature:

(Name: Sri Hari S)

Roll Number : CB.EN.U4CSE17457