SAI SUGUN D R

MSc. INFORMATION SYSTEMS , B.Eng. COMPUTER SCIENCE ENGINEERING

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SUMMARY

Early-career professional having a background in **information systems** and **computer science engineering**, with specialties in **information technology, data science, distributed systems, databases, and data analysis**. I am proficient in **Python, Bash, Java, JavaScript, SQL, and GIT**, and I have hands-on experience and a strong desire to work with **massive datasets and real-time projects**. I've actively participated in technology events, giving **tech speeches** and working on initiatives with practical goals. As an **astrophysics fan**, I am fascinated by the **universe and its origins**. I am eager to make a meaningful contribution to an organization that shares my passion for exploration, creativity, and discovery.

EDUCATION

Master of Science
Information Systems
Modules: Informatics, UI/UX, Data and society, Quantitative Data Analysis, Machine Learning and AI.
University College Dublin, Ireland | 2025
GPA 3.51/4.2

Bachelor of Engineering
Computer Science and Engineering
Modules: Engineering Physics, Operating System, Computer Networks, OOPS, Database, DSA.
Visvesvaraya Technological University, India | 2023
CGPA: 7.7/10

Pre-University
PCMCS(Physics, Chemistry, Math, Computer Science)
Sri Sathya Sai Loka Seva Pre University College, India | 2019
Percentage: 78%

Secondary School
10th Grade, SSLC
Sri Sathya Sai Loka Seva High School, India | 2017
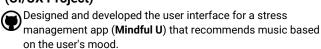**Percentage: 81%**

PROJECTS

Confidential Health Records for Stigma Diseased Patients using Blockchain
Approved and sponsored by KSCST (Karnataka State Council for Science and Technology)
- **Responsibility: Lead** the team to work on the new tech, **Blockchain**, and worked on the development of the backend scripting **Python** which stores the data inside hashed blocks built using SHA-2

Analyzing Workload and Usability in Voice Interfaces with Amazon Alexa
An analysis of 100 participants revealed a favorable relationship between workload and usability, offering ideas for user-centered improvements in speech technology design.
- **Responsibility: Designed and lead** a study to investigate the relationship between subjective workload (NASA-TLX) and system usability (SUS) in Amazon Alexa interfaces.

Stress Management App for University Students (UI/UX Project)
Designed and developed the user interface for a stress management app (**Mindful U**) that recommends music based on the user's mood.
- Responsibility: Created a functional prototype ensuring seamless interaction and user-friendly navigation

Emotion Detection in Text: Twitter Experiment
Trained a model on English Twitter messages to classify text segments into six emotions.
- **Responsibility:** Conducted sentiment analysis, emotion classification, and text mining to unveil prevailing sentiments and linguistic patterns on social media.

Explore a Decade of Valentine's Day Survey Data
Utilized **Python, Pandas, and Scikit-Learn** for data manipulation and simple linear regression modeling
- **Responsibility:** Analyzed trends in total spending, average spending per person, and preferences for gifts like candy, flowers, and more.

CERTIFICATIONS AND PUBLICATIONS

Data Science Internship.
Organization: Oasis Infobyte.

Python for Data Science and Machine Learning Bootcamp.
Instructors Jose Portilla, Pierian Training

IELTS ACADEMIC (Overall Band Score: 6.5)
Listening: 7.0 | Reading: 6.0 | Writing: 6.5 | Speaking: 6.5
CEFR Level: B2

Atomic, Nuclear & Particle Physics: From Beginner to Expert
Instructors Dr. Börge Göbel

Blockchain A-Z: Learn How To Build Your First Blockchain
Instructors Hadelin de Ponteves, Kirill Eremenko, Ligency | Team

Publication in IJARSCT, Volume 3, Issue 11, May 2023
- "Health Records of Stigma Diseased Patients"
- DOI: 10.48175/IJARSCT-10600

SCRIPTING AND PROGRAMMING

- **Python**
- **Bash**
- **Java**
- **JavaScript**
- **C ++**
- **SQL**

PERSONAL ACHIEVEMENTS

- Emerged victorious in the Regional level **Marathon** competition in 2017.
- Awarded the **Champion of the Year** in Athletics in 2018.
- Secured **first place** in Intercampus competitions for **basketball, football, handball, and cricket** in 2018.
- Attained a certificate from **Bharata Samskruthi Prathishtana** in 2014.
- Achieved the **PRAGNYAN-LEVEL 2** Skill Development Program in 2022.

EXTRA-CURRICULAR ACTIVITIES

- Actively involving in **new tech discussions** and workshops.
- Participate in the **Project Open House** focusing on Innovation in Engineering, Science & Technology.
- Raising awareness about cutting-edge technologies through **Tech Talks**.
- Supporting Each One Educate One, a **non-profit initiative** to fundraise for supporting needy children education.
- Collaborated with the Indian **Red Cross Society** for blood donation drives.

SOFT SKILLS

- Group Discussion
- Public speaking
- Seminars
- Creative Writing
- Agile Team Working

HOBBIES

- Natural Photographer
- Astrophile
- Reading Books
- Sports
- Blogging
- Finance and Investment
- Cooking
- Volunteering
- Films and Documentaries

REGIONAL LANGUAGES

- English (Advanced)
- French (Basic)
- Irish(Basic)
- Sanskrit (Intermediate)
- Kannada (Advanced)
- Telugu (Advanced)
- Hindi (Advanced)

ADDITIONAL NOTE

- Available for interviews at your convenience.
- Feel free to contact me at any time
  - Contact 1: Ph No.+353894910923
  - Contact 2: Ph No.+919353295650
- **Ready to Relocate**

DECLARATION

I verify the authenticity and verifiability of all data related to me provided, and I take responsibility for its accuracy.