B. SAI HEMANTH REDDY

saihemanthbr.github.io

Contact:

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Social Profiles:

LinkedIn-
linkedin.com/in/saihemanthbr

GitHub-
github.com/SaiHemanthBR

Date / Place of Birth:

15 July 1999.
Hyderabad, Telangana.

Skills:

Languages:
- C
- C++
- Python
- Swift
- Java
- JavaScript
- HTML
- CSS

Databases:
- MongoDB
- MySQL
- Oracle Database

Tools, Technologies:
- Xcode
- Android Studio
- Docker
- Firebase
- Jupyter Notebook

Frameworks
- Node.js
- React
- Django
- Flask

Languages:

- English
- Telugu
- Hindi

Strengths:

- Autodidact
- Curious
- Passionate

Interests:

- Coding
- Reading Books
- Music
- Cycling

Career Objective

To begin my career as a software engineer in a high-level professional environment and dedicate my skills and abilities for the growth of the organisation and to challenge my technical and soft skills.

Education

- **CVR College of Engineering, Hyderabad**
  Bachelor of Technology in C. S. E. , GPA: 9.30 — Expected Grad. in May 2021
- **Narayana Junior College, Hyderabad**
  Intermediate (MPC), Score: 93.8% — Class of 2017
- **St. Joseph's School, Hyderabad - ICSE, 2015**
  ICSE, Score: 88.7% — Class of 2015

Projects

- **Kushagra - AI-powered Mobile App**

  An AI-powered mobile crop advisory app for farmers, gardeners that can provide information about crops using an image taken by the user. This supports 10 crops and 37 kinds of crop diseases. The AI model is a ResNet network that has been fine-tuned using crop images that were collected by web-scraping from Google Images and Plant-Village Dataset.
  - **Technology Stack:** Android, iOS, Firebase, Docker (for running inference server)
  - **Programming Languages:** Swift, Java, Python.
  - **Repository:** https://github.com/SaiHemanthBR/Kushagra

- **Sputify - ReactJS Web Music Player**

  A Spotify Clone made using ReactJS (frontend) and Django (backend).
  - **Technology Stack:** ReactJS (for frontend), Django (for backend)
  - **Programming Languages:** JavaScript, Python.
  - **Repository:** www.github.com/SaiHemanthBR/Sputify

- **Physics Simulations**

  A small side project where I make physics simulations (for fun) without using any physics engines libraries and render using Pyglet (OpenGL graphics) or Metal.
  - **Programming Languages:** Python, Swift, Metal (Shaders)
  - **Repository:** www.github.com/SaiHemanthBR/PhysicsSims

Certifications

- **Neural Networks and Deep Learning - deeplearning.ai**
  deeplearning.ai - Issued May 2020
  https://www.coursera.org/account/accomplishments/certificate/7G3M9VXX2LTF
- **Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization - deeplearning.ai**
  deeplearning.ai - Issued June 2020
  https://www.coursera.org/account/accomplishments/certificate/MWECCZDQ2PVH
- **Structuring Machine Learning Projects - deeplearning.ai**
  deeplearning.ai - Issued June 2020
  https://www.coursera.org/account/accomplishments/certificate/QGTBJTTU4PRB
- **Introduction to MongoDB**
  MongoDB University - Issued April 2020
  https://www.coursera.org/account/accomplishments/certificate/J4CGJYUH39ZC
- **Getting Started with Google Kubernetes Engine**
  Coursera - Issued July 2020
  https://www.coursera.org/account/accomplishments/certificate/ZX3E42BDSRBU

Declaration:

I solely declare that above specified details are faithful, intact and accurate to the foremost of my knowledge and belief.

Date: Saturday, August 8, 2020
Place: Hyderabad, India.

(B. Sai Hemanth Reddy)