Sanjay Gowda B R

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PROFILE SUMMARY

Recent **Computer Science and Engineering** graduate skilled in **Java, Python, HTML, CSS, JavaScript, and SQL.** Experienced in **machine learning, data analytics, and full stack development** through internships. Proven ability to develop innovative projects, enhance user experiences, and optimize data models. Strong problem-solving, teamwork, and communication skills. Passionate about leveraging technology to drive solutions.

EDUCATION

Vivekananda Institute of Technology, Bangalore   **Dec 2020 – May 2024**

Bachelor of Computer Science and Engineering, CGPA : 7.71

BGS Pu College, Ramanagara   **Apr 2019 – Mar 2020**

PCMB, Percentage : 76.66 %

St. Michel's English High School, Ramanagara   **May 2017 – Apr 2018**

SSLC, Percentage : 83.04 %

PROFESSIONAL EXPERIENCE

Machine Learning Intern   **Aug 2023 – Sep 2023**

Take It Smart(OPC) Pvt. Ltd, Bangalore

- Learnt the basic fundamentals of python and its application in ML.
- Created and tested open-CV and TensorFlow based projects.
- Filed reports, gathered information and performed research.

Full Stack Development Intern   **Aug 2023 – Sep 2023**

Varcons Technologies Pvt Ltd

- Mastered a wide range of technologies, including HTML, CSS, JavaScript, Java, and SQL, enabling efficient end-to-end development.
- Created mobile-responsive web applications, improving user experience and increasing mobile traffic by 40%.

Advanced Data Analytics   **Feb 2024 – Apr 2024**

Next Gen Employability Program

- Developed K-means clustering model for effective customer segmentation.
- Optimized data preprocessing and feature selection for better model accuracy.
- Used silhouette score and Davies-Bouldin index to validate segments, drove personalized marketing and retention strategies.

SKILLS

- Java
- Java OOPS
- HTML
- CSS
- Java Script
- Python
- SQL
- Machine Learning
- Data Analytics
- DSA
- C,C++
- Power BI

SOFT SKILLS

- Team Player
- Time Management
- Adaptability
- Problem Solving

- Communication
- Technical Support
- Critical Thinking
- Trouble Shooting

PROJECTS

Virtual Telemedicine for Remote Health Monitoring using Machine Learning and IoT

- Developed IoT-based telemedicine system integrating sensors for vital sign monitoring.
- Evaluated machine learning algorithms, with Random Forest achieving superior predictive accuracy.
- Enhanced healthcare accessibility and outcomes through precise remote health monitoring.

Number Plate Recognition using OCR Tesseract

- It is formulated by using various Image Processing methods.
- The requirements for the project are : Python , Numpy, Tesseract, OCR, Open-CV, Pycharm.
- This also helps in capturing our entry and exit details and maintains record through mail.

AI Dietician

- This project mainly works on our physical state of body to keep it healthy. The requirements of this project are : Python, Numpy, Tkinter, Nearest Neighbor, Thonny IDE.
- Portfolio Website Designed and developed a personal portfolio website to showcase a comprehensive collection of projects and skills.
- Ensured the website's responsiveness across different devices, providing accessibility to a wider audience.

Portfolio Website

- Designed and developed a personal portfolio website to showcase a comprehensive collection of projects and skills.
- Ensured the website's responsiveness across different devices, providing accessibility to a wider audience.

CERTIFICATES

- Full Stack Development | Varcons Technologies Pvt Ltd
- Intro to Programming | Kaggle
- Fundamentals Basic Of Python
- Advanced Data Analytics | Next Gen Employability Program

LANGUAGES

- English
- Kannada
- Hindi

INTERESTS

- Volunteering
- Photography
- Learning Languages
- Music
- Driving
- Reading Newspaper
- Reading Books