

SIDDHARTHA KUMAR

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Education

Sir M. Visvesvaraya Institute of Technology
Bachelor of Engineering in Electronics and Communication
• CGPA - 7.69/10.0

2020 - 2024

Bengaluru, Karnataka

Jamshedpur Public School AIWC
Intermediate
• Percentage - 81.80/100.0

2018 - 2019

Jamshedpur, Jharkhand

AIWC Academy of Excellence
Matriculation
• CGPA - 9.0/10.0

2016 - 2017

Jamshedpur, Jharkhand

Experience

Varcons Technologies Pvt Ltd
Embedded Systems Intern

08/2023 - 09/2023

Bangalore, Karnataka

- Developed a Smart Parking System using **Arduino, Ultrasonic Sensor, Servos, LCD** that decreased waiting time of the people for parking spot by 70%.
- Built reusable components for Integration with RF id based spot allocation and personal use.

AICTE and Edunet Foundation

06/2023 - 07/2023

Artificial Intelligence (AI) Intern

- Developed a new AI model using **Google Colab, Python, NumPy, Pandas, Matplotlib** to predict and analyse the mental health of people across globe.
- Built reusable components for future use with live data, restructured the model to use csv from Kaggle.

Projects

Chatty (real-time chat app)

Dart, Flutter, Firebase, BLOC | [CODE](#)

- Crafted a feature-rich Chat App using **dart, FireBase, and BLOC** for clean Architecture.
- More than 2 users can chat at a time and their data is updated to UI on **real time**.

Vayu Gunah (weather app)

Dart, Flutter, APIs, Google Fonts, Figma | [CODE](#)

- Built a cross-platform weather app in Flutter using **Weather API** for real-time weather updates.
- Integrated API and managed state effectively to deliver accurate weather information and seamless user experience.

Smart Shoes

embedded C, Arduino, ALP | [CODE](#)

- Piezo discs and a solar panel collect and store energy in the battery, powering the shoe's electronics for energy harvesting.
- GPS and GSM modules enable real-time tracking and location sharing.
- An ultrasonic sensor alerts the wearer to obstacles in their path, enhancing safety.

Technical Skills

Languages: C, C++, Dart, R, Python, HTML5, CSS, JavaScript, Embedded C, Verilog, SQL, MongoDB

Developer Tools: VS Code, Android Studio, GitHub, API Integration

Technologies/Frameworks: Bootstrap, ReactJS, Flutter, Git, Firebase, Google Colab,

Achievements

Inter-collegiate Quiz Contest

06/2022

3rd Rank

Sir MVIT

- Led a team of three among 30+ college teams all over Bengaluru.

Interests

- Like to attend Tech events and meetups; fascinated about new technologies and Integration.
- Like to watch Anime, play and try new fun games, mobile gaming.
- Like to offer Seva as Folk Member of Iskcon Bengaluru (Rajajinagar).