

Dibyanshu Kumar

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Education

Veer Surendra Sai University of Technology
Major in Mechanical Engineering

Burla, Sambalpur
Graduation Date: 2025

Demonstration Multipurpose School
Pursued Science and Technology

Bhubaneswar, Odisha
Graduation Date: 2021

Experience

Robotics Society
Technical Member

Burla, Sambalpur, Odisha
01 2022 – Present

- Assembled and recalibrated existing bots and machines.
- Analysed project scopes and briefs and calculated cost proposals.
- Administered quality control assessments and established reports.
- Clarified client vulnerabilities and designed automated robotic solutions used to enhance production and precision.

Google Development Student Club-VSSUT
Community Member/Mentor

Burla, Sambalpur, Odisha
12 2021 – Present

- Presented on the topic “Fundamentals of Dart” and “UI with Flutter”.
- Participated in Google cloud Next '22.
- Participated in Flutter festival '22.

Leadership & Activities

Robotics Society
Recruiter and Mentor

Burla, Sambalpur, Odisha
11 2022 – Present

- Recruited the required technical members for the undergoing project.
- Coordinated 37 technical members under the Structural domain.
- Semi-finalist in Death Race at Innovision, NIT Rourkela

Personal Projects and Certifications

- **Smart Gloves using Arduino** 03 2023
 - Gestured monitored gloves producing output in oLED display.
- **Admin Dashboard using JavaScript** 02 2023
 - Built a Dashboard which Provided the administrator direct access to important encompass tools for faster and more convenient community management using HTML, CSS AND JAVASCRIPT.
- **Gesture Detection using OpenCV** 11 2022
 - Programmed the web-cam to detect the hand signs.
- **Full Stack Development from Udemy** 01 2023
- **AWS Academy Cloud Foundations** 01 2022

Technical Skills

Technical Languages: C, C++, Python, My SQL, JavaScript, HTML5, ReactJS.

Developer Tools: VS Code, Sublime Text, Android Studios, IntelliJ IDE, Arduino IDE.

Framework: OpenCV, Flutter, Node.js, Express.js, Mongo DB, Postgre SQL