RISHABH MAHOR

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Education

National Institute of Technology Karnataka, Surathkal — Nov 2022 - Apr 2026
B.Tech in Computer Science & Engineering — *CGPA - 6.67/10*

Phoenix Institute, Vadodara, Gujarat — **Jun 2022**
GSEB - Class XII — *Percentage - 78.84%*

Projects & Experience

NITK Telephone Directory — **Dec 2023 – Jan 2024**
App Developer | Flutter, Dart

- This application is designed to be your one-stop solution for accessing contact details of faculty members, staff, and other personnel across different departments at the **National Institute of Technology Karnataka (NITK)**.
- Contributed in developing both frontend and backend for this application.
- Worked under the guidance of **Prof. B. R. Chandavarkar**.

Real-Time Transformer Diagnostics Dashboard — **May 2024 – Jul 2024**
Developer | HTML, CSS, React.js, ESP32, Firebase

- Developed a React.js **IOT dashboard** for real-time transformer monitoring and data logging, fetching values from Firebase and Google Sheets.
- Coded the **ESP32** module to send temperature and humidity data, enabling **real-time display and periodic data storage**.
- Project completed for Hammond Power Solutions Inc. under the supervision of **Mr. Subhash Kesarkar**, Engineering Manager and **Mr. Ritesh Mahor**, Head Engineer at **HPS Inc.** .

Gesture Based Rover — **Feb 2024 – Mar 2024**
Hardware team lead | Arduino Uno

- Developed a hand gesture-based rover using Arduino, Gyro Module and RF communication for wireless control.
- Led a team of three in the development and execution of this project.
- Presented During Project Expo NITK, Representing **IE NITK Robotics**.

Technical Skills

Languages: C, C++, Dart
Familiar: JavaScript, HTML, CSS
Frameworks: React.js, MySQL, Firebase, Flutter
Developer Tools: VS Code, GitHub, Android Studio, Arduino IDE
Courses: Data Structure and Algorithms, DBMS, Operating System, Computer Networks

Certifications

Flutter Development Bootcamp with Dart — **Certificate**

Extra Curricular

The Institute of Engineers, NITK Chapter — **Mar 2023 – Present**
Robotics Co-ordinator

- Overseeing the strategic planning and execution of robotics-related initiatives within the organization.

National Cadet Corps, NITK — **Nov 2022 – Jul 2024**
Rank: Lance Corporal

- Fostering leadership, discipline, and community service.

Incident NITK — **Sep 2023 – Mar 2024**
Media Executive

- Crafting captivating visuals and content to convey event stories innovatively.

Photography Club, NITK — **Dec 2022 – Present**
Executive Member

- Capturing moments that tell stories, turning everyday scenes into something memorable through the lens.