



Mayank Kumar Singh

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Career Objective

Dedicated towards working as an Engineer in an IT Industry, and with the help of my Technical Knowledge & Skills, achieve Personal as well as Organizational Goals.

Programming Skills

- 8051 Programming (Intermediate)
- ANDROID (Intermediate)
- ARDUINO PROGRAMMING (Advance)
- C (Intermediate)
- C++ (Intermediate)
- Embedded C (Intermediate)
- IoT (Intermediate)
- KALI LINUX (Beginner)
- PLC (Beginner)
- Python (Beginner)

Multimedia Editing

- Adobe Lightroom (Advance)
- Adobe Photoshop (Intermediate)
- Adobe Premiere Pro (Advance)
- Adobe After Effects (Intermediate)

Behavioral Skills

- Good Communication
- Adaptable
- Leadership
- Multidisciplinary
- Quick Learner

Projects

OCT 2021 (1 Month)

Home Automation Using IoT

Designed an Android App and Coded the NodeMCU, which was able to control Home Appliances through the Internet.

AUG 2019 – APR 2020 (9 Months)

Electric Solar Vehicle Championship '20

Headed the Documentation, and was a key member in Marketing and Management Department of the Team. All the Sponsorship Presentations, Flyers and Brochures were designed by me and also was the key member of the Deciding Committee. The event got postponed due to Covid-19.

JUN 2019 - JUL 2019 (1 Month)

Online Service Booking System (Android App)

Designed and coded the Android App, which would book various services for the members of a Society.

AUG 2018 – APR 2019 (9 Months)

Electric Solar Vehicle Championship '19

Headed the Electrical and Innovation Department of the Solar Electric Vehicle. Also designed and coded the Fingerprint Authentication feature in the Solar Car. Won Hero Electric Spirit Award.

FEB 2018 (2 Weeks)

Smartphone controlled Robotic Car

Car was remotely controlled by Android app via Bluetooth. The Programming, App Designing and Connections were done by me.

Internships

JUN 2019 – JUL 2019 (1 Month)

Aspirevision Tech Education, Bangalore

Did 1 month internship at Aspirevision Tech Education, Bangalore. Learnt about Android App Development - Designing the UI, coding with Android Studio, interfacing with SQLite, etc. Made an app as project called "**Online Service Booking System**".

SEP 2020 - OCT 2020 (2 Months)

Tata Cummins Pvt Ltd, Jamshedpur

Did 2 month Internship at Tata Cummins Pvt Ltd, Jamshedpur. Worked on the project "**Creating Industry 4.0 Environment for Existing Machines**". Learned about PLCs and IoT systems used in Industries.

Education

SR NO	DEGREE TITLE	SCHOOL/COLLEGE/UNIVERSITY, LOCATION	BRANCH/SUBJECT	YEAR OF PASSING
1	B TECH	OP JINDAL UNIVERSITY, RAIGARH	EEE (MAJOR) & CSE (MINOR)	2021
2	12 TH	VIDYA BHARATI CHINMAYA VIDYALAYA, JAMSHEDPUR (CBSE)	PURE SCIENCE WITH COMPUTER	2017
3	10 TH	VIDYA BHARATI CHINMAYA VIDYALAYA, JAMSHEDPUR (CBSE)	ALL SUBJECTS WITH COMPUTER	2015

Awards and Achievements

- Awarded **1st Prize** in **Entrepreneurship Club** for the **Session 2019-2020**
- Selected as the **Technical Inspector** in **Electric Bike Racing Championship '20**
- Got shortlisted for the **Regional Level** of **AICTE Chhatra Vishwakarma Award 2020**
- Received '**Innovative Engineer of OPJU**' from **Jindal Steel and Power Limited** on **15th Aug 2019**
- Certified **Microsoft Technology Associate** on **Introduction to Programming using JAVA**
- **Headed the Electrical Department and Innovation Department** in **Electric Solar Vehicle Championship '19** and got '**HERO ELECTRIC SPIRIT AWARD**'
- **Conducted a 2-day Workshop** and **Taught** the students of OPJU about **Robotics and Arduino** in 2019
- Judged as the **Best Paper** and declared the **Winner of Paper Presentation** in Technorollix '18(OPJU)
- **3rd** in **Robotics Competition** organized in Technorollix '18 (OPJU)
- **2nd** in **National Creativity Olympiad** organized by **Institution of Engineers** in 2015

Declaration

I hereby declare that above-mentioned information is correct to the best of my knowledge and belief.

Date: 25 May, 2021

Place: Jamshedpur

Signature

Mayank Kumar Singh