



# SHIVAM GROVER

*A Passionate and open-minded learner*

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## CAREER OBJECTIVES

I am a motivated student, always trying to push my limits and explore my potential by trying new things out. I have a passion for solving real world problems using my code, while keeping the aesthetic part of the solution strong. I see myself in the near future working with a team, making products that help the world be a better place.

## EDUCATIONAL QUALIFICATIONS

Course/Examination	Institute/University	Year of Passing	Performance
B.Tech in Information Technology	Bharati Vidyapeeth's College of Engineering, New Delhi	2021	CGPA 7.59
AISSEE(Science with PCM) XII CBSE	Bharati Vidya Bhavan's, Mehta Vidyalaya, New Delhi	2017	88.4
AISSE X CBSE	Bharati Vidya Bhavan's, Mehta Vidyalaya, New Delhi	2015	CGPA 8.8

# PROJECTS

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1. An application for e-Charging Station Operators to maximise their earnings and attract more customers using dynamic pricing solutions (Winning project in Smart India Hackathon 2019)  
<https://github.com/shivumgrover/EazyCharge>
2. Autonomous Black Line Following robot for picking up and dropping of metallic objects using an electromagnet and a mechanical arm (Winning project in e-Yantra 2019, theme Thirsty Crow)  
[https://github.com/shivumgrover/Eyantra-Thirsty\\_Crow-Team\\_ID-972](https://github.com/shivumgrover/Eyantra-Thirsty_Crow-Team_ID-972)
3. Android Application for easy boarding of buses, especially for the disabled, elderly and children(Winning project in HackBVP 2.0)  
<https://github.com/shivumgrover/BoardEasy>
4. Autonomous Life Boat(finalist in Arduino Day Hackathon @ BVP 2019)  
<https://github.com/shivumgrover/Autonomous-Life-Boat>
5. Android Application for women safety using Geolocation (Runners up in IGDTU hackathon 2018) [https://github.com/shivumgrover/Aarogya\\_Women\\_Safety](https://github.com/shivumgrover/Aarogya_Women_Safety)
6. Android application for home automation using Raspberry Pi  
<https://github.com/shivumgrover/ISTY-home-automation>
7. Android application for Waste segregation using Firebase ML Kit (Winning project at NIEC hackathon 2018)
8. A health assistant based android application which provides you with a personalized diet plan taking into consideration several factors such as your Body fat percentage(calculated using computer vision),your current heart rate(calculated using camera flash), your nutrient deficiencies etc. Other features included posture correction for exercises and aerobics by Augmented reality  
<https://github.com/shivumgrover/SwasthyaIGNITE>
9. Android Application for facilitating seamless traversal of emergency vehicles using Google Maps and Machine Learning