Krushnal Patel

+91 7778091174 | krushnalpatel11@gmail.com

SKILLS

LANGUAGES
C++ • HTML/CSS • LaTeX
Python • JavaScript

TOOLS+TECH
ROS • Linux • ReactJS
NodeJS • git

SOFT SKILLS
Leadership • Communication

EDUCATION

DELHI TECHNOLOGICAL UNIVERSITY
B.Tech in Computer Engg.
Expected 2023 | New Delhi
Cum. GPA: 6.6

NEW MILLENNIUM SCHOOL
CBSE XII - SCIENCE
2019 | Bahrain
Percentage: 91%
SCHOLAR'S BADGE

INDIAN SCHOOL, BAHRAIN
CBSE X
2017 | Bahrain
Cum. GPA: 9.6/10

ABOUT ME

I am a software development enthusiast, specializing in autonomous mobility, Web Development and robotics. Other hobbies and interests include (but not limited to) cybersecurity and Artificial Intelligence.

LINKS

GitHub:// **krush11**
LinkedIn:// **krushnal**
My Portfolio: **krushnal.me**

SOCIETIES

COGNITIVE MINDS
Debating Co-Head
2020 - Present

EXPERIENCE

DEFIANZ RACING — Navigation Lead
Oct 2020 - Present | New Delhi
- Part of a team which made the **first autonomous F1 car** in **India**
- Developed robust Path Planning algorithm using **navstack** for **ROS noetic**
- Responsible for integration of **SLAM** into **ROS framework**
- Tuned and tested the simulation intensely to bring out the best performance of the vehicle

DTU SELF-DRIVING CARS — Software Architect
Dec 2019 - Sept 2020 | New Delhi
- Developed software suite of an autonomous vehicle for **IGVC'20** *(cancelled due to COVID'19)*
- Integrated data from sensors into **ROS framework** with **NMEA 0183** compliance

CODING NINJAS — Teaching Assistant
Sept 2020 - Jan 2021 | Online
- Mentored a batch of 20 students in competitive coding in C++
- Debugged NodeJS codes
- Evaluated NodeJS and ReactJS projects

TECHNICAL PROJECTS

OPEN SOURCE CONTRIBUTIONS
- OpenCV **openCV** : PR # 19301
- OpenCV **openCV** : PR # 18590
- Google **gnostic** : PR # 226
- Frappe **erpnext** : PR # 23933