Q- Tell me about yourself?

Ans- My name is Saiyed Qasim Ali currently I’m pursuing B.Tech CSE from JIIT. I have done my schooling from Kendriya Vidyalya Andrews ganj new delhi. I like adventure sports and love to play snooker.

Q-Tell me about your projects?

Ans- **• TAXI FARE CALCULATION SYSTEM**

A desktop application built on qt creator(C++) that calculates shortest

path using Dijkstra’s algorithm and also tells the path.

Key skills involved – UI design, Algorithm Implementation, C++, qt.

**• STUDENT PLACEMENT COMPANY WEB APPLICATION**

A web app built to store data of student and quiz system which student

takes and qualify for companies.

Key skills involved – HTML, CSS, MySQL, JSP.

**• POLLUTION DATA ANALYSIS USING MACHINE LEARNING ALGORITHMS**

Analyzed data of India’s air pollution data from year 1990 to 2015 using

Machine learning algorithms and data visualization. This project also

involved creation of an IoT based system that stores and analyze

pollution data in real time.

Key skills involved – Python, Data preprocessing, Android, IoT, Arduino.

**• IoT BASED HOME AUTOMATION**

Automation of home appliance includes remotely controlling of

household appliances and getting updates about soil moisture of

garden soil, temperature (and humidity).

Key skills involved– Arduino, IoT, Sensors, Android.

Q- What is Faradays Law?

Ans- Faraday’s law states that any change in Magnetic flux of a circuit induces a electromotive force in the circuit

Q- Write down the equation involved?

Ans- E=-d(phi)/dt

Q- Why a negative sign?

Ans- Due to Lenz law.

Q-how can electric current be converted to electric current ?

Ans-using turbine.

Q- Tell me about your co curricular activities?

Ans- Sir I have a very keen interest in robotics I have been a tech volunteer to the cicr: the robotics society of jiit 128 I had taken orientation for them in my 2nd year, Apart from this I play cricket and love watching that too.

Q-How do you find India unique?

Ans- India is a very diverse country it has so many ethnicities still we share so much of unity is one unique fact apart from this there are so many terrains in our country almost every terrain which also adds up to uniqueness of our country.