

Sakshi Raj

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CAREER OBJECTIVE

To gain experience in my domain and apply the knowledge obtained in order to contribute to the industry and change this world for better.

ACADEMIC BACKGROUND

Year(s)	Qualification – Degree / Diploma / Certificate	Board/University	College / Institute/ University	Percentage / CGPA
2016-2020	BTech CSE(spl in Internet of Things & Smart Cities)	University of Petroleum and Energy Studies	School of Computer Science	6.14
2014-2015	Bihar Intermediate	BSEB	N.K.S.M College	66.4%
2012	CBSE-AISSCE	CBSE	St.Xavier's Jr/Sr School	10.0

PROJECTS AND TRAININGS UNDERTAKEN

MINOR-1 Project

Project Title: An attempt to implement text encryption algorithm

Duration: 3 months Mentor:

Mr.

Amitava Choudhary

Description: Implementing a technique based on symmetric key encryption algorithm, which uses ASCII values of input text to encrypt the data. Text encryption technique have their application in various fields, especially in Data Communication.

Technologies: CodeBlocks, XAMPP, MySQL

MINOR-2 Project

Project Title: ACCIDENT PREDICTION AND NOTIFICATION SYSTEM

Duration: 3 months **Mentor:**

Ms.Gayatri Bakshi

Description: In our project we created alert/notification system for the ambulance drivers, so that they can prepare themselves earlier before these accidents can even occur. For that we came up with an approach to predict the road accidents in a particular area throughout a particular course of time. It will be a probabilistic prediction based on Machine learning algorithm. We will be developing a Web application in Java to demonstrate our prediction and a notification to alert the nearby Ambulance and Hospitals, keeping the track of ambulance present in that area.

Technologies: Eclipse, XAMPP, MySQL

TRAINING

Institution: Infoys
weeks

Duration: 6

Title: INFOSYS SUMMER TRAINING

Mentor: Ms. Diksha Goel

Description :

Institution: University of Petroleum and Energy Studies

Duration: 2 weeks **Title:**

CCNA Module 1

Mentor: Mr.Vinay Awasthi

Description: Module 1 introduces the architecture, structure, function, components and models of the Internet and other computer networks. The principle and structure of IP addressing and the fundamentals of Ethernet concepts.

COMPUTER SKILLS

- **Software** : **PyCharm, Android Studio, Eclipse**
- **Languages** : **C, C++, Python, Java, MySQL, HTML,PHP**
- **Operating Systems** : **Windows XP/7/8/10, Ubuntu Linux**
- **Cloud Platforms** : **Amazon Web Services**
- **Libraries** : **NumPy, Pandas**
- **Virtualization Tools** : **VMWare**

PERSONAL DETAILS

Date of Birth	:	17-05-1997
Father's Name	:	Ajay Patel
Mother's Name	:	Pranika Patel
Gender	:	Female
Nationality	:	Indian
Phone No.	:	+91 7251865851
Languages Known	:	English, Hindi

I declare that the details above are correct and true to the best of my knowledge.

Sakshi Raj