

SAURABH KUMAR KAR

Address

C/O: Sudhansu Kar ,
Chaliyama Colony ,
Chaliyama . Dist :
Seraikella
Kharsawan .
Jharkhand- 833201

Contact:

+91-7992330251

b216038@iiit-bh.ac.in

Portfolio :

<https://saurabhkar.github.io/>

Github Handle:

<https://github.com/saurabhkar>

Linkedin :

<https://www.linkedin.com/in/saurabh-kar/>

Career Objective

To utilize my knowledge and skill, utilize given opportunity effectively for professional growth and to contribute in the best possible way for the betterment of the organization and self.

Education

B.Tech (ECE) with – 8.16 CGPA

IIIT Bhubaneswar

Higher Secondary Exam with – 81.4 %

Prabhuji English Medium
School , Sambalpur(C.B.S.E Board)

Secondary Exam with – 9.6 CGPA

SJ DAV Public School , Chaibasa
(C.B.S.E Board)

Technical Skills

Languages

Java , C++ , MATLAB

MarkUp & Scripting Language

HTML, CSS , XML

Frameworks

Bootstrap

Databases

MySQL , SQLite3

Operating System

Linux , Windows

Other

Algorithms , Data Structure , Android ,
Git

Internship

Project : Implementation of RSA cryptosystem using microcontroller for IOT applications .

Worked Under : Dr. Santosh Shah , LNMIIT Jaipur .

As a part of my internship, I worked on a system where the text and images were encrypted using RSA cryptography and were transmitted to another system via Radio Channel for decryption .

Projects

Project 1 An Ecommerce Android app - Completed
Languages used : Java , XML
Platform used : Firebase , Android Studio

Aim of this project was to create an Ecommerce android app where user needs to register and login for shopping . The user authentication and real time database was managed by Firebase .

Project 2 RFID based Library Management System - Prototype Completed

Organization : IIIT Bhubaneswar

Worked under : Dr. Suraj Sharma

Aim of this project was to develop a prototype for the college library where the issue and return of books can be automatised by introducing RFID tags in books and ID cards of students. It was developed to reduce the mannual human effort in Library .

Project 3 Number Plate Detection using MATLAB

Organistaion : IIIT Bhubaneswar

Worked under : Dr. Bijayananda Patnaik

Aim of the project was to develop a system where the number plate of the vehicles were extracted from the images (not real time) and various pre processing techniques were applied. Edge detection was done followed by segmentation of characters . Template matching was used for character identification .

Achievements

- **3rd Prize winner in Embedded System and Robotics Worksop by Technophilia .**
- **Got 1st prize in Student of the Year competiton held in year 2013 .**
- **Grade A NCC cadet Certificate .**

Interests

- **Blockchain**
- **Big Data and Hadoop**
- **Algorithms and Data Structure**

Extra Curricular Activities

- **Mentor in Shiksha.com : Year 2018 – Present**
- **Watching TED talks about day to day topics , problems and the way they are tackled.**