

# SUMIT KUMAR

 sumit2011kmr@gmail.com  +91 6202757997  Bhagalpur, Bihar  
 <https://sumit2011.github.io>  [Github](#)  [LinkedIn](#)

## EXPERIENCES

### Indian Institute of Technology (IIT) Guwahati

Dec 2023 - Mar 2024

Project Name: Underwater Object Detection Web-App.

- Developed a web application using the YOLOv8 model for accurate underwater object detection.
- Utilized Label-Img for dataset and make a large dataset of 3000 images and annotations files to train our model.
- Focused on creating a user-friendly interface for seamless user experience.

### Build and manage an ecommerce web app

Dec 2022 - Feb 2023

Role: Build and manage webapp for an online store.

- Developed and implemented core features of the online store web application, focusing on user-friendly interfaces.
- Managed and optimized the backend database, ensuring efficient handling of user data, product inventories, and order processing.

## PROJECTS

- **Object Detection Web-app:** Developed a web application for real-time object detection using machine learning algorithms and image processing techniques and implemented yolov8 model also create the database for uses.
- **Online Annotation Tool:** Developed a web app which allow multiple user to annotate image online at a time.
- **Whoami:** Developed a portfolio website template using Rract-JS already uses by multiple users hosted on github.
- **Blog Channels:** DSA Blogs and Security Writeups , It contains my methodology and explained dsa concepts.
- **Mini Projects:** Tictactoe, Snake. Created multiple small multiple games using HTML, CSS, JS hosted on netlify.



## SKILLS

• Languages:	C, C++, Python, JavaScript, SQL
• Webdev:	HTML, CSS, React-Js, SQL, PWA, Bootstrap
• Tools:	Git, Github, Netlify, Tailwind CSS, VS Code, Pycharm, Jekyll, Hugo
• Course Works:	OS, DBMS, CN, MP, COA, DELD, DSA, OOPS, DCN, CS, DC, Maths
• Web Pentesting:	Burpsuite, Metasploit, Gobuster, Nmap, Nikto, Netcat

## EDUCATION

### Sri Sant High School Bhagalpur

Secured 3rd Rank at District Level in 10th Grade(BSEB). Grade 84.4%

Mar 2016 - Mar 2018

### Chauhan Public School Bhagalpur

12th Board: CBSE Grade 86.2%

Mar 2018 - Mar 2020

### National Institute of Technology Srinagar

B.Tech in Electronics and Communication Engineering Grade 8.1(cgpa)

Aug 2021 - Aug 2025

## CERTIFICATIONS

• Certification in oops and DSA	• <a href="#">Advent of cyber</a>	• AWS Cloud Computing
• Full stack web development	• <a href="#">Intro to cyber security</a>	• React-Js (Udemy)
• Web fundamentals	• <a href="#">Pre security learning</a>	• Peneration Testing

## OPENSOURCE

- Contributed to simple icons: added some icons for the developers to use.
- Build a Gnome extension : created a todo app which is used by multiple user.

## ADDITIONAL INFORMATION

- **Technical Skills:** Project Management, Structural Analysis, Web Pentesting, Web development, C-Programming.
- **Awards/Activities:** District Topper in 10th, Featured and awarded by Dainik Bhashka & Jagaran, Prabhat Khabar.
- **Languages:** English, Hindi. • **Hobbies:** Playing cricket, Watching movies, Reading books