AMIT KUMAR SINGH

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EDUCATION

CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR **JULY 2019 - JUNE 2022**
B.Tech in Computer Science And Engineering **CGPA**- **7.3** *Kokrajhar, India*

CENTRAL INSTITUTE OF TECHNOLOGY KOKRAJHAR **JUNE 2016 - MAY 2019**
*Diploma in Animation And Multimedia Technology -***CGPA** - **8.7** *Kokrajhar, India*

PROJECTS

TechBlog(The blogging Platform)

- Techblog is a platform where users may publish technical blogs, write articles, and share their knowledge on cutting-edge technologies.
- The option to like the post and comment on it allows readers to express their opinions about the content.
- User can create,delete,read and update the post.
- Tech and tools used:- Servlet,JSP,Hibernate,MySQL,Apache Tomcat.

Social Distance Detector

- This is a Social Distance Detection system that allow you to detect social distance in real-time video streams
- This software is built using OpenCV, YOLO, and COCO - YOLO TensorFlow implementation (darkflow) using Deep Learning and Computer Vision concepts.

Face Mask Detection

- This is a Face Mask Detection system that allow you to detect face mask in static images as well as in real-time video streams.
- This software is built using OpenCV, Caffe-based face detector, Keras/Tensorflow, and MobileNetV2 using Deep Learning and Computer Vision concepts.

Student Management System

- The Application provides admin login to manage the student record.
- The projects uses CRUD operation for the update of student database.
- Tech and tools used:- Servlet,HTML,CSS,MySQL,Apache Tomcat,JDBC.

TECHNICAL SKILLS

Languages: C++, Java, Python, C, XML, Sql
Developer Tools and Technology: MySQL, Servlet, JSP, JDBC, Maven, Shell Scripting,Docker,Apache Tomcat,Junit,Apache Kafka,Microservices,CI/CD,RESTful APIs
Version Controls: GitHub, Git
Operating System: Linux, Windows
Frameworks: Spring Framework, SpringBoot, Django, Hibernate

KEY SKILLS

- J2SE(Core Java)
- J2EE(Advance Java)
- Cloud Computing
- WebApp Development
- OOPs
- Data Structure and Alogrithm
- Containerization & Virtualization

COURSES & CERTIFICATIONS

- Software Engineering Image Processing - CISCO
- Modern Database Systems
- AI Master Class Using Python - Pentech Solution
- Android Development-Internshala
- Machine Learning and
- Introduction to Data Science - IBM