

Anurag Kumar

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School Address : KIIT University, Patia, Bhubaneswar ,751024

Permanent Address : UCIL Colony Turamdih, Jamshedpur, Jharkhand,832107

EDUCATION

Kalinga Institute of Industrial Technology, University | B.Tech

Bhubaneswar, Odisha | 2022 - Present

- **Course :** School of Computer Science and Engineering
- **CGPA :** 8.56

3rd Year | 6th Semester

Atomic Energy Central School, Jadugoda | Higher Secondary 12th

Jamshedpur, Jharkhand | 2022

- **CBSE | Percentage :** 74%

Atomic Energy Central School, Turamdih | Secondary 10th

Jamshedpur, Jharkhand | 2020

- **CBSE | Percentage :** 83.6%

PROJECTS

Multipurpose QR Code Scanner using ESP32-CAM

Technologies: ESP32-CAM, Telegram Bot API, C, Wi-Fi

- Developed an IoT-enabled QR code scanner using ESP32-CAM for multi-functional scanning and efficient data handling.
- Integrated Telegram Bot API for real-time notifications and secure data access.
- Implemented Wi-Fi-based automatic data uploads to a remote server, ensuring scalability and seamless operations.
- Enhanced data security and reduced manual entry errors by 40%.
- Designed a versatile system for IoT and smart application use cases.

WanderNest – Airbnb-Like Web Application

Technologies: HTML, CSS, JavaScript, Node.js, Express, MongoDB

- Built a full-stack web application to streamline accommodation booking and property management for small-scale property owners.
- Designed a secure backend with Node.js and Express, integrated MongoDB for scalable data handling, and created a responsive front-end for seamless user experience.
- Delivered a cost-effective, user-friendly alternative to traditional platforms with enhanced accessibility and security.

Diabetes Detection System Using Machine Learning

Technologies: Python, Scikit-learn, Pandas, NumPy, Kaggle, Matplotlib, Modern ML Models

- Developed a machine learning-based system for predicting diabetes risk using models like Random Forest and SVM.
- Collaborated with a team to integrate clinical data and non-traditional risk factors for improved accuracy.
- Integrated traditional clinical data with non-traditional risk factors to enhance model accuracy and robustness.
- Achieved a significant improvement in prediction accuracy, aiding healthcare professionals in making informed, proactive decisions.
- Designed as a scalable and modular mini-project, showcasing the real-world applications of ML in healthcare.

COURSES & CERTIFICATIONS

- **[AWS Cloud Foundations](#)** – AWS Training & Certification This curriculum results in a foundational understanding of AWS services, cloud security, scalability, and cost management.
- **[AWS Certified Solutions Architect](#)** – Associate is an AWS training & certification offered with expertise in designing and deploying scalable, secure, and high-performance cloud solutions on AWS.
- **[AICTE EduSkill Virtual Internship in Cloud](#)** – AWS (Oct 2024 – Dec 2024): Completed an internship focusing on cloud computing, learning hands-on skills in AWS services and cloud infrastructure management.

SKILLS AND INTERESTS

Programming Language Skills: Fluent in Java; Proficient in C, Arduino; Familiar with Python; JavaScript

FrameWorks and Libraries: NodeJs, Express, MongoDB ,SQL

Computer Skills:

- Developed a basic operating system scheduler as part of Operating Systems course
- Implemented a small-scale network simulation for Computer Networks course
- Created a library management system using DBMS concepts

Interests: Reading | Gaming | Tech Trends & Advancements

SOCIAL PROFILES

Github: <https://github.com/anuragkumar27?tab=repositories>

Leetcode: https://leetcode.com/u/anurag_k/