Nitish Kumar

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Nitish_Kumar's_Portfolio

Summary

An enthusiastic Computer Science graduate with expertise in Java, Spring Boot, and relational databases including Oracle & MySQL. Proficient in front-end development using HTML, CSS, and JavaScript with a solid foundation in Object-Oriented concepts. Also experienced in Python & C/C++. Passionate about problem solving and software development. Successfully built and deployed projects involving hardware-software integration, AI-driven systems, and RESTful back-end services. Eager to learn new technologies and highly adaptable in team environments.

Education

Durgapur Institute of Advanced Technology & Management (M.A.K.A.U.T.),   Aug 2022 – July 2025
B.Tech in Computer Science and Engineering

- **GPA:** 6.9/10.
- **Coursework:** Data Structures and Algorithms, Object Oriented Programming, Operating Systems, Computer Networks, Software Engineering, Machine Learning.

Harasankar Bhattacharya Institute of Technology & Mining (W.B.S.C.T.E.),   Aug 2019 – July 2022
Diploma in Electronics and Instrumentation Engineering

- **GPA:** 8.0/10.
- **Coursework:** Fundamentals of Electrical and Electronic Engineering, Microprocessors and Applications, Electronic Circuits, Electronic Instruments and Measurements, Power Electronics, Programming in C.

Technologies

Programming Languages: Java, C/C++, Python, SQL, HTML5, CSS, JavaScript.

Web Technologies and Frameworks: Backend using Spring Boot, Front-end, JDBC, RESTful Web Services.

Tools and IDEs: VS Code Editor, Apache NetBeans, IntelliJ IDEA, Git, Oracle, MySQL.

Skills

Key Skills: Problem Solving, Communication, Quick Learning, Teamwork, Electronics.

Communication Languages: Hindi, English and Bengali.

Projects

VOC-DRONE(Final Year Project)   github.com/krnitish769/VOC_DRONE

- Voice-Controlled AI Drone– A drone that responds to voice commands via an AI assistant, executing flight maneuvers and collecting real-time sensor data.
- Tools Used: C++, Python, Arduino IDE, IoT.

Simple Chat Application (Java)   github.com/krnitish769/SimpleChatApp

- Built a Java-based console chat application using sockets and multithreading for real-time communication between client and server.
- Tools Used: Java, Apache NetBeans, Sockets, Multithreading, Networking (TCP/IP).

Professional Certificates

Certificate 1: Java

Certificate 2: SQL