AALOK TIWARI

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OBJECTIVE

Highly motivated and detail-oriented Java Developer seeking an internship opportunity to contribute my skills in Java programming, web development, and database management while gaining valuable hands-on experience in a dynamic and collaborative environment.

EDUCATION

- Bachelor of Technology - Computer Science and Engineering, 2020-2024,
  University of Lucknow, Lucknow, Uttar Pradesh.
- Intermediate - PCM (90 percent),
  Casterbridge School, Ballia, Uttar Pradesh.
- Matric (88.4 percent),
  Casterbridge School, Ballia, Uttar Pradesh.

SKILLS

- Programming Languages: *Java*, *Python.*
- Strong understanding of core JAVA and *object-oriented programming* principles.
- Java frameworks: *Spring and Hibernate.*
- Database: *MySQL, MongoDB.*
- Familiarity with technologies like *HTML, CSS, JavaScript.*
- Knowledge of machine learning concepts and algorithms.
- Version Control: *Git.*
- Integrated Development Environments: *IntelliJ IDEA, Eclipse, VS Code.*
- Operating Systems: *Linux, Windows.*
- Excellent problem-solving and analytical skills
- Effective communication and teamwork abilities

PROJECTS

A. *Movie Review Portal*
   1. Technologies Used: MongoDB as the database, Java and Spring Boot for the backend, and React for the frontend.
B. *Chat Application*
   1. Technologies Used: Core Java (Swing, AWT, Socket Programming)
C. *Aerial Rescue Object Detection*
   1. Developed an object detection model using YOLO algorithm for real-time detection of rescue objects from aerial imagery.
   2. Preprocessed dataset by resizing images, annotating objects, and converting annotations to YOLO format.
   3. Trained the model on annotated images, evaluated performance metrics.

CERTIFICATIONS

- Samsung Innovation Campus - Artificial Intelligence Course
  (November 18, 2022 - February 3, 2023)

LANGUAGES

- English
- Hindi