Gaurav Jain

I want to obtain a challenging position in a fast-paced environment where I can use my skills and experience to make significant contributions.

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 GitHub Profile
in LinkedIn Profile

EDUCATION

• **Institute of Engineering and Management, Kolkata**   *2019-2023*
B.tech: Information Technology   CGPA: 9.03

• **Sree Ayyappa Public School**   *2018*
Intermediate: Central Board Of Secondary Education, Jharkhand   Percentage: 77.2

• **Delhi Public School, Birgunj**   *2016*
High School: Central Board Of Secondary Education   CGPA: 10

PROJECTS

• **Prediction of Helmet in Bike Riders**   *Github*
Demonstrated On Deep Learning And ML Theorem

  – Used: ML Algorithms, Python, OpenCV
  – It is a computer vision based solution designed to detect whether the individual is wearing helmet or not in real time.I developed a deep learning model to predict whether a bike rider is wearing a helmet in an image. The model was trained on a dataset of over 1500 images of bike riders, and it achieved an accuracy of 94percent. The model can be used to improve road safety by helping to ensure that more bike riders are wearing helmets

• **Face Attendance System**   *Githubcode*
ComputerVision Based Attendence System

  – Used: OpenCV, Inbuilt library, Facial feature extraction method, Database
  – Built an attendance system typically incorporates technologies for facial feature extraction, facial detection for locating faces in images and open CV which recognises student's face and employ image preprocessing techniques (e.g. alignment) and database (redis) to store and retrieve attendance records efficiently.

EXPERIENCES

– **Associate Software Enginer**   *July 2023-Present*
Accenture Solutions Pvt. Ltd.

  ∗ Maintained Java applications using Spring Boot framework.
  ∗ Contributed to the implementation of Agile development methodologies.
  ∗ Conducted unit testing and integration testing to ensure software quality.
  ∗ Troubleshooted and resolved software defects.
  ∗ Maintained and updated documentation for software applications
  ∗ Trained on Spring Boot, Spring MVC, Servlets and good grasp of Agile Methodologies.

– **Deep Learning Model Training Intern**   *Nov 2021-Jan 2022*
Productize Technologies

  ∗ Developed and trained deep learning models for a variety of tasks, including image classification, Object Detection.
  ∗ Improved the accuracy and performance of deep learning models by optimizing hyperparameters, preprocessing and augmentation.
  ∗ Deployed the Deep Learning Model for Real-time use using OpenCV.

TECHNICAL SKILLS AND INTERESTS

Languages: C/C++, Java, Python
Developer Tools: VS Code, Git, Sublime, Eclipse
Technologies: SpringBoot, Spring Framework, JSP/Servlet, SpringMVC, JDBC/Spring JPA, Html, CSS, Javascript, Bootstrap
General: Data Structure, OOPS, DBMS, SQL,Networking, System Design
Areas of Interest: FootBall, BasketBall, TableTennis, Swimming, Anime

Extra-Curricular Activity

∗**Team Member,** Corporate Basketball Tournament *2019*

∗**Captain,** IEM Basketball Team *2020-2023*

∗**Core Committee Member,** IEM Marathon *2022-2023*

Achievements

∗**Geeksforgeeks Profile:** 350+ Problem Solved *Profile Link*

∗ **Leetcode Profile:** 100+ Problem Solved *Profile Link*

∗**Coding Ninja Profile:** 100+ Questions Solved *Profile Link*

∗**Certification:** NPTEL- Getting Started with Competitive Programming *NPTEL*

∗**Certification:** Agile Software Development *Coursera*