Atul Soni

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Training

Full Stack Java Development
June 2024– July 2024

CipherSchools — Gurgaon, Haryana

- Developed full-stack applications using Java, Spring Boot, and front-end technologies (HTML, CSS, JavaScript).
- Integrated databases, built RESTful APIs, and utilized Git and Maven for deployment and version control.

Data Structure and Algorithm (Self Paced)
June 2023– July 2023

GeeksForGeek — Noida, Uttar Pradesh

- Completed an extensive course covering fundamental and advanced concepts in Data Structure and Algorithms.
- Solved numerous coding problems, enhancing problem-solving abilities and algorithm thinking.

Projects

Change Detection in Human Activity
Feb 2025-April 2025

Project deploy URL: https://change-detection-in-human-activity.onrender.com

- Designed and trained a CNN model(EfficientNetV2B3) to detect and classify scene changes caused by various human activities in static images with over 80.37% accuracy.
- Applied image preprocessing and augmentation techniques to enhance model performance, robustness, and generalization.
- Successfully recognized 15 human activity classes, enabling real-world applications and behavioral monitoring systems.

Park Ease App
March 2025-May 2025

PlayStore Link: https://play.google.com/store/apps/details?id=com.parkease.parkeaseapp

- Park Ease is a live smart parking app developed using Kotlin and XML, enabling users to find and book nearby parking spots in real time.
- Features Google Maps integration for smooth navigation and includes email and password authentication for secure user access.
- Published on the Google Play Store, offering a seamless and user-friendly parking experience.

Diabetes Risk Classifier Using medical Diagnostic Data
Sep 2023– Nov 2023

Project deploy URL: https://diabetes-prediction-7994.onrender.com

- Built a diabetes prediction model using Logistic Regression with 76.6% test accuracy.
- Applied feature scaling and EDA to enhance model performance and interpretability.
- Saved model and scaler for real-time deployment using Pickle and Joblib.

Certificates

Supervised Machine Learning: Regression and Classification
May 2024

Coursera — https://coursera.org/verif y/HWNCC9KR88XT

Java Programming
Feb 2024

Udemy — ude.my/UC-8ad99425-5c1b-45bb-8b5c-8477ca3deOa5

Android App Development
Dec 2023

Udemy — ude.my/UC-01714e18-c82a-4859-b797-af25a92551db

Technical Skills

Languages: C, C++, Python, Java, Kotlin, XML.

FrameWork/Database/Skills: Flask, TensorFlow, MySQL, Machine Learning, Deep Learning, App Development.

Tools/PlatForm: Git, GitHub, VsCode, Android Studio, FireBase, PostMan.

Education

Lovely Professional University
2021 – 2025

Computer Science and Engineering — Phagwara, Punjab

Major Specialization: Artificial Intelligence and Machine Learning.

Minor Specialization: Android App Development

CGPA: 7.73

Swami Educational Public School
2020 – 2021

Class 12th: PCM — Puranpur, Uttar Pradesh

Percentage: 70%

St. Joseph's Sr. Sec. School
2018 – 2019

Class 10th — Puranpur, Uttar Pradesh

Percentage: 80%