

Atul Soni

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Training

Full Stack Java Development

CipherSchools

June 2024– July 2024

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)

GeeksForGeek

June 2023– July 2023

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

Music Player Desktop Application

March 2024– May 2024

- Developed a feature-rich desktop music player application using Java Swing and AWT for an interactive and user-friendly graphical interface and implemented dynamic splash screen to enhance user experience during application startup.
- Created a secure login system with MySQL database connectivity to manage user authentication and credentials.
- Utilized the JLayer library for MP3 music playback ensuring smooth and high-quality audio and implemented user interaction and controls including play, pause, and stop functionalities.

Online Quiz Application in Android Development

Feb 2024- April 2024

- Developed a Online Quiz Application using FireBase Authentication for Login, Retrofit for fetching the data from an API and RecyclerView for displaying quiz questions involves several steps using Kotlin and XML.
- Implemented secure user authentication using FireBase, supporting email and password login and utilized retrofit to fetch quiz data from a remote API, ensuring efficient network calls and data parsing.
- Displayed Quiz questions and options using RecyclerView for a smooth and dynamic user experience and managed quiz states to enhance user interaction.

Gold Price Prediction Using Machine Learning

Sep 2023– Nov 2023

- Developed a gold price prediction model using Python in Linear Regression Algorithm in Supervised Learning.
- Gather historical data on gold prices. This dataset should ideally include relevant features such as economic indicators, Inflation rates, interest rates, and other factors that may influence gold prices.
- Evaluate the model's performance on the testing set using appropriate metrics, such as mean absolute error (MAE), mean squared error (MSE), or R-squared.

Certificates

Supervised Machine Learning: Regression and Classification

May 2024

Coursera — <https://coursera.org/verify/HWNCC9KR88XT>

Java Programming

Feb 2024

Udemy — [ude.my/UC-8ad99425-5c1b-45bb-8b5c-8477ca3de0a5](https://www.udemy.com/course/java-programming/)

Android App Development

Dec 2023

Udemy — [ude.my/UC-01714e18-c82a-4859-b797-af25a92551db](https://www.udemy.com/course/android-app-development/)

Technical Skills

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

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

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

Education

Lovely Professional University

2021 – Present

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

12th with Science

Puranpur, Uttar Pradesh

Percentage: 70%

St. Joseph's Sr. Sec. School

2018 – 2019

10th with Science

Puranpur, Uttar Pradesh

Percentage: 80%