

# SURAJ SINGH

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## TECHNICAL SKILLS

- **Programming & Scripting:** C++, Java, Python, Kotlin, R
- **Frameworks:** HTML, CSS, Django, TensorFlow/PyTorch, Pandas, Matplotlib/Seaborn, Firebase, Kafka, Hive
- **Tools/Platforms:** SQL, Tableau, Excel, Eclipse, Hadoop, Spark, Android Studio
- **Soft Skills:** Problem-Solving Skills, Team Player, Project Management, Adaptability.

## EDUCATION

- **Lovely Professional University** Punjab, India  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 7.21* Since August 2021
- **St. Joseph international school** Kota, Rajasthan  
*Intermediate; Percentage: 84%* July 2020 - March 2021
- **Army Public School Kirkee** Pune, Maharashtra  
*Matriculation; Percentage: 88%* July 2018 - March 2019

## CERTIFICATES

- Theory Of Computation (Automata) (Coursera) Apr 2024
- DSA with C++ (GeeksforGeeks) Sep 2023
- Programing Foundations With Python (Nxtwave) Aug 2023
- Build Your Dynamic Web App (Nxtwave) Oct 2023

## PROJECTS

- **Face Recognition System | Python, OpenCV, Machine Learning |** Mar 2025  
Built a real-time face recognition system using OpenCV and pre-trained deep learning models, with enhanced multi-layered authentication.  
Designed a face database and optimized model performance for accuracy across varied lighting conditions.
- **Heart Disease Prediction and Exploratory Data Analysis | R |** Oct 2024  
Developed predictive models using Linear Regression, Ridge Regression, and Random Forest to assess heart disease risk factors.  
Conducted exploratory data analysis and built interactive visualizations to reveal insights on age, cholesterol, and gender trends.
- **Sales & Customer Data Analysis | Tableau |** Jun 2024  
Created interactive dashboards to visualize sales performance, customer segmentation, and product profitability.  
Enabled real-time decision-making with month-over-month trend analysis and insights into customer behavior patterns.
- **Restaurant Food Management App | Kotlin | Android** Mar 2024  
Developed an interactive Android app with features like menu browsing, order placement, digital payment, login/registration, and feedback tracking.  
Enhanced user experience with intuitive GUI for seamless food management and customer engagement.
- **Sudoku Web Application | HTML, CSS, JavaScript |** Nov 2023  
Built a responsive and interactive Sudoku game with dynamic UI/UX, allowing real-time user interaction and gameplay.  
Applied algorithms to implement puzzle logic and enhance problem-solving features within the browser environment.

## ACHIEVEMENTS

- **Achievement in Leetcode platform:**  
Solved 200+ problems in Leetcode
- **Achievement in Nxtwave platform:**  
Designed 100+ web application in Nxtwave
- **National Level Football:**  
Played National level football from Telangana team