ROHAN CHHABRA

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EDUCATION

Vellore Institute of Technology - Chennai   **2021-2025**
Bachelor of Technology in Electronics and Computer Engineering | GPA: 8.80/10.00
Data Structures, Algorithms, Data Analytics, Computer Networks, Operating System, Compiler Design, Database System

SKB DAV Cent. Public School- Fazilka   **2020-2021**
Standard XII | Percentage: 87.8%

Army Public School- Fazilka   **2018-2019**
Standard X | Percentage: 87.6%

EMPLOYMENT EXPERIENCE

Tata Steel Limited – Front-End Developer Intern, Jamshedpur   **May 2024 –July 2024**
- Developed a Canteen Management Web App, improving user experience.
- Implemented features using React.

Skyscanner– Front-End Software Engineering virtual experience programme on Forage   **June 2024**
- Completed a job simulation where I built a web application using React as a font-end engineer at Skyscanner.
- Developed a page for picking a travel date using Skyscanner's open-source Backpack React library.

Black Box Limited – Front-End Developer Intern, Gurugram   **August 2023 –September 2023**
- Developed JavaScript/React applications: To-Do list and user management with Material-UI.
- Enhanced technical skills and gained real-world project experience through hands-on development.

PROJECTS

Digital Portfolio [Link]
- Designed and developed a digital portfolio showcasing my web development skills.
Tech Stack: HTML, CSS, JavaScript

Chess Game
- Developed a real-time multiplayer chess game, with drag-and-drop functionality, board rendering, and synchronized piece movements for both players.
- Implemented core chess logic using Chess.js, including move validation and capture handling, while managing socket event communication between client and server.
Tech Stack: Node.js, Express, Socket.io, Chess.js, HTML/CSS, JavaScript

Credit Card Fraud Detection
- Created a machine learning-based application in R that analyzes and identifies fraudulent transactions, contributing to security and loss prevention.
Tech Stack: R, Machine Learning

Predicting the Rise of Electric Vehicles
- Developed robust predictive models to forecast EV sales.
- Utilized data exploration, visualization, and machine learning to make precise predictions about electric vehicle (EV) sales.
Tech Stack: R, dplyr, ggplot2, caret, randomForest , xgboost

LEADERSHIP EXPERIENCE

- House Captain in X Standard.
- Member of Management Committee "Dream Fiesta" Standup Comedy Show at Vellore Institute of Technology.

CERTIFICATIONS

- **Introduction to Generative AI** (by Google Cloud)
- **Azure AZ-900** (by Microsoft)
- **Data Analysis using Excel** (by Great Learning)
- **Data Analytics with python** (by NPTEL)
- **Introduction to Tableau** (by Simplilearn)
- **ChatGPT Prompt Engineering for Developers** (by DeepLearning.AI)

SKILLS

- Java, Python, C/C++, R, JavaScript, Basic SQL
- Cadence, Matlab, R Studio, LT Spice, Tinker cad
- System Design, Prompt Engineering,React, Material-UI