

# PUSHPINDER SINGH

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EDUCATION

**Graduation:** Bachelor of Engineering in Computer Science, Chitkara University, Punjab

2022-Present

**Relevant Courses:** Computer Organization, Data Structures, Foundations of Programming, Algorithms & Analysis

## **SKILLS SUMMARY**

<b>Programming languages</b>	Java, C++, Python
<b>Front End Tools</b>	React.js, JavaScript, HTML, CSS
<b>Back End Frameworks</b>	Express.js, Node.js
<b>Databases</b>	PostgreSQL, MongoDB, SQL
<b>Tools</b>	GitHub, Git, Vs Code, Draw.io, Jupyter Notebook
<b>Soft Skills</b>	Active Learner, Time Management, Problem Solving, Communication

## PROJECTS

**VEHIQL: Car Dealership Management Platform [Full-Stack]** [GitHub Link](#) [User Site](#)

- Developed full-stack car dealership platform with user authentication and inventory management.
  - Built a responsive frontend with search, filtering, and comparison features using React.js and JavaScript.
  - Designed PostgreSQL database with CRUD operations for vehicle inventory and customer data management.
  - Created admin dashboard with role-based access control, review moderation, and sales tracking analytics.

## **Wine-Quality-Prediction:** [ Python, Scikit-Learn, Pandas, NumPy ] {GitHub Link} {User Site}

- Engineered Random Forest web app for wine quality prediction achieving **93% accuracy** with real-time analysis.
  - Deployed responsive Streamlit dashboard with interactive sliders, feature analysis, and quality categorization.
  - Implemented end-to-end ML pipeline with data preprocessing, normalization, and 80-20 train-test split.

Portfolio [ React JS, HTML, CSS, JavaScript] {[GitHub Link](#)} {[User Site](#)}

- Built responsive portfolio website with interactive components and modern UI design.
  - Integrated project filtering, contact form functionality, and performance optimization.

## CERTIFICATES

- Coursera certificate of “Machine Learning Capstone”.
  - Hackerrank certificate of “Python Basic”.
  - Hackerrank certificate of “Problem Solving Basic”.
  - Fusion Friday ranked 13 (Coding Ninja’s).