

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

Programming languages	Java, C++, Python
Front End Tools	React.js, JavaScript, HTML, CSS
Back End Frameworks	Express.js, Node.js
Databases	PostgreSQL, MongoDB, SQL
Tools	GitHub, Git, Vs Code, Draw.io, Jupyter Notebook
Soft Skills	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

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