Vansh Singh

I'm a Software Developer specializing in building and designing exceptional digital experiences.

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EDUCATION

University Of Alberta — Edmonton, Canada
BSC Speciliazation, Computer Science — 2021 – 2025

- Object Oriented Programming and Paradigms
- Data Structures and Algorithms
- File and Database Management Systems

Doon International School — Dehradun, India
XII (CBSE) — 2021

PROJECTS

Shop Squad   (React Native, Redux ToolKit and Stripe)

- Developed React Native app with group buy feature for a startup.
- Implemented secure payment gateways and user authentication.
- Designed visually appealing UI and optimized user experience.

Weather App   (React Native, Weather API & GeoLocation)

- Developed a real-time weather app for mobile using React Native.
- Integrated weather APIs for accurate weather data retrieval.
- Implemented geolocation for auto location detection.

To-Do   (React JS, JavaScript, HTML and CSS)

- Developed a dynamic to-do list application using React JS.
- Utilized core components, state management, & event handling.
- Employed modern front-end development practices.
- Deployed using GitHub Pages.

Web Scraper   (Python and BeautifulSoup)

- Developed a Python web scraper for data extraction from diverse websites.
- Enabled efficient parsing and analysis of scraped data.
- Automated data extraction from multiple websites.

SKILLS

- **</>** Python · C/C++ · JavaScript SQL · MongoDB· HTML/CSS
- React Native/JS· Git · Node Pandas · Selenium · VS Code BeautifulSoup · NumPy · Django
- Git · Linux · Google Firebase MySql · SQLite · Android Studio HeroKu · Google Cloud Platform
- English · Proficient Hindi · Native

HONORS AND AWARDS

| 2021 | **International Scholarship** University of Alberta |
| 2021 | **Second-Ranked Team** Calgary Youth Hackathon |

OTHER INTERESTS

WEB/APP DEV	UI/UX Design Back-End Development
DATA SCIENCE	Analytics Recommendation Sys
AUTOMATION	Artificial Intelligence Machine Learning
VOLUNTEER	Conversation Club Debate Club