SAKSHAM

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CAREER OBJECTIVE

Aspiring software engineer with a strong foundation in full-stack web development, DSA, and a keen interest in AI/ML and data science. Passionate about problem-solving and developing innovative, data-driven solutions. Seeking opportunities to apply my skills in software development and emerging technologies while continuously learning and growing.

EDUCATION

Bachelor of Engineering, Computer Science **Mohali, India**
Chandigarh University (GPA: 8.41) **2023-Present**

Class 12th CBSE **Ladwa, India**
Sant Nischal Singh Public School (94%) **2022-2023**

Class 10th CBSE **Ladwa, India**
Sant Nischal Singh Public School (82.4%) **2020-2021**

PROJECTS

- **DISHA: REAL TIME DISASTER MANAGEMENT SYSTEM**
  *Description***:** Engineered a scalable disaster management platform with AI-driven Sentiment Analysis for crisis assessment and Predictive Analysis for proactive response, improving real-time disaster response and mitigation efforts.
  Technology Used: HTML, CSS, JavaScript, Node.js, Express.js, RESTAPIs, MongoDB, Python

- **PSYDUCK: DIGITAL WELLBEING MONITORING EXTENSION**
  *Description***:** Developed a Chrome extension and website that flags harmful content, analyzes browsing patterns, calculates Digital Resilience Score (DRS), and provides AI-powered stress-reduction tips for early mental health detection.
  *Technology Used***:** HTML, CSS, JavaScript, OpenAI API, MongoDB, Chrome Extensions API, RESTful APIs, Express.js

- **CRANEOPEDIA: CRANE COMPARISON AND AR VISUALIZATION PLATFORM**
  *Description***:** Engineered a website that allows users to compare crane models, visualize load distribution using AR, and get personalized crane recommendations via an interactive chatbot.
  *Technology Used***:** HTML, CSS, JavaScript, Node.js, React, AR.js, WebGL, MongoDB, Express.js

- **AI TEXT SUMMARIZER**
  *Description***:** Built a Python-based text summarizer to extract key insights from a large dataset, improving content summarization accuracy and efficiency.
  *Technology Used***:** Python, NLP, Transformers, NLTK

- **MOVIE SUCCESS PREDICTION**
  *Description***:** Implemented a machine learning model leveraging to forecast movie success based on historical and social media engagement data.
  *Technology Used***:** R, ggplot2, dplyr, caret, Machine Learning

TECHNICAL SKILLS

- **PROGRAMMING LANGUAGES:** PYTHON, JAVA, C/C++, R
- **FRONTEND DEVELOPMENT:** HTML, CSS, JavaScript(ES6+), Bootstrap, Tailwind
- **BACKEND DEVELOPMENT:** Node.js, MongoDB, Express.js, RESTful APIs development, MySQL
- **TOOLS & PLATFORM:** GitHub, Figma, Canva, IntelliJ IDEA

INTERPERSONAL SKILLS

- Time Management & Multitasking
- Critical Thinking and Analysis
- Team Collaboration & Leadership
- Strong Problem Solving

ACHIEVEMENTS

- Became a **Top 10 finalist** in the **Road Safety Hackathon organized by NHAI**, with **42,000+ registrations** nationwide
- Secured a spot in the **top 18 teams out of 500+** in the national hackathon, "**The Dynamic Hackathon.**"
- Qualified among **Top 27 teams out of 600**, in Tekathon 3.0, Chandigarh University

CERTIFICATIONS

- Introduction to databases – Coursera (January 2025)
- Exploratory Data Analysis Using R - INFOSYS (December 2024)

HOBBIES AND INTERESTS

- Skilled in Sketching, Cooking, Dancing, Modeling and Acting
- Passionate about art, nature and wildlife