Sukh Singh Oberoi

✉ sukhoberoi24@gmail.com 📞 +91 7600619591 📍 Ahmedabad 🔗 www.sukhoberoi.tech

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PROFESSIONAL EXPERIENCE

Machine Learning and Data Analytics Trainee/Intern
Cygnet.One
05/2024 – 07/2024 | Ahmedabad

- **Sensor Calibration Data Analyis:**
  - Analyzed work pending days, technician, and sensor efficiency.
  - Built a regression model for order completion prediction and integrated data into MongoDB.
- **Meeting Minutes Automation**:
  - Developed a pipeline for transcription and summarization of meeting recordings using transformers.
  - Automated document generation with company letterhead.
- **Football Win Probability Predictor**:
  - Created a classification model to predict match outcomes probablities using tournament data.
- **Multilingual Search System**:
  - Designed a semantic search tool for documentation in German, Dutch, and English.
  - Implemented cross-language search using word embeddings and provided a demo webpage.

EDUCATION

BTech - Computer Science and Engineering
SRM University
2022 – 2026 | Chennai

Higher Secondary School Certificate
Delhi Public School - Bopal
2022 | Ahmedabad
12th (PCM w/ Computer Science) : 86%
10th : 96%

PROJECTS

SRM Margin Check 🔗
With 280 active weekly users, this Chrome Extension enhances the user experience on SRM College Portal to calculate attendance margin and fixes crucial design flaws in the website.

Pet Finder
Developed a web-based pet adoption platform to streamline the adoption process for dogs. Features include browsing dog profiles, scheduling shelter visits, and managing appointments. Utilized React, Tailwind CSS, and SQL for a seamless user experience and robust data management. Enhanced visibility for adoptable pets and simplified appointment scheduling for shelters.

AWARDS

Google India's Code to Learn - Runner Up
Google India
2018
Proud Runner-up in Google India's Code to Learn competition in 2017, where I demonstrated my skills by creating a 'School Assistant' Android app using MIT's App Inventor. This experience fueled my desire to solve real-world problems through technology.

SKILLS

Web Development
React.js
node.js
Express
NoSQL
Tailwind CSS
RESTful APIs
Flask
HTML/CSS

Machine Learning
Pandas
Numpy
Scikit-Learn
Matplotlib
Deep Learning
Transformers
LLMs

Miscellaneous
MySQL/DBMS
Object Oriented Programming
Operating Systems
Computer Architecture
Git/GitHub
Word, Excel, PowerPoint

CERTIFICATES

DBMS — Issued by: Scaler ⎮ Feb 2024

Computer Architecture 🔗 — Issued by: NPTEL ⎮ Nov 2023

Programming in C — Issued by: SRM University ⎮ Issue Date: Nov 2023

Programming in Java 🔗 — Issued by: NPTEL ⎮ Issue Date: Nov 2023

Preliminary English Test — Issued by: Cambridge Assessment English Exams ⎮ Issue Date: Jun 2019

ORGANIZATIONS

Coding Ninjas Club SRM
Web Development Associate
09/2023 – present | Chennai
Developed event websites and registration forms for the club activities