PRABHUDAYAL VAISHNAV

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Bhilai, Chhattisgarh, India

OBJECTIVE

Aspiring software engineer with a strong foundation in computer science, specializing in data science. Passionate about developing innovative solutions. Actively learning and expanding my skill set through projects.

EDUCATION

- **Chhattisgarh Swami Vivekanand Technical University** *2022 - Present*
  B. Tech (Hons.) CSE Data Science Bhilai, Chhattisgarh, India
  - Hackathon rank holder for FACE EMOTION DETECTION model using PYTHON.
  - 4th Semester GPA : 7.9
  - Currently in 5th Semester

- **Kendriya Vidyalaya BMY** *2015 - 2021*
  Senior Secondary Education (Class 12th) Bhilai, Chhattisgarh, India
  - Overall Percentage: 78.8%
  - Grade: 95% in Computer Science

- **Kendriya Vidyalaya BMY** *2015 - 2021*
  Secondary Education (Class 10th) Bhilai, Chhattisgarh, India
  - Overall Percentage: 88.6%
  - Grade: 93% in Mathematics

PROJECTS

- **AI Scientist: Sakana AI** *2024*
  Contributed to Sakana AI's open-source project to automate research paper generation [O]
  - Integrated open-source LLMs to develop an AI Scientist capable of generating research papers.
  - Generated a paper titled "EXPLORING STYLE TRANSFER WITH SMALL CHARACTER-LEVEL TRANSFORMERS" entirely by utilizing the free resources. [PDF]

- **Remote Shell Access Bot: XAdmin** *2024*
  Python-based program enabling reverse shell connections without having the login credentials via Telegram API [O]
  - A Python-based bot that turns your Telegram into a secure command center for your PC.

- **Python Module: XS** *2024*
  Creates Endpoint URL for Open-Sourced LLMs running onto any Cloud Instance like Google Colab [O]
  - Developed and published Python package for creating Endpoint URLs for LLMs.

- **AI Telegram Bot: XGen-AI** *2024*
  A Telegram bot with RAG capabilities using Meta Llama 3.1 [O]
  - It supports document-based chat Q&A alongside the intelligence of an advanced language model.

- **E-Commerce Website: MetroCart** *2024*
  A minimalistic and elegant e-commerce website using HTML, CSS, and JavaScript. [🌐]
  - Focused on providing a superior and minimalist user experience.

- **Emotion Detection Bot: XFace** *2022*
  A Telegram bot that detects facial expressions using Python. [O]
  - Integrated with Telegram API for better user experience.

SKILLS

- **Programming Languages:** Python, C, C++, JavaScript
- **Web Technologies:** HTML5, CSS, ReactJS
- **Data Science & Machine Learning:** Pandas, Seaborn, R
- **Database Systems:** MySQL
- **Data Structures and Algorithms:**
- **Database Management Systems:**

CERTIFICATIONS

- **PwC Switzerland Power BI Job Simulation** *PDF[⊕]*

  - Completed a job simulation where I strengthened my Power BI skills to better understand clients and their data visualization needs.
  - Demonstrated expertise in data visualization through the creation of Power BI dashboards that effectively conveyed KPIs, showcasing the ability to respond to client requests with well-designed solutions.
  - Strong communication skills reflected in concise and informative email communication with engagement partners, delivering valuable insights and actionable suggestions based on data analysis.
  - Leveraged analytical problem-solving skills to examine HR data, particularly focusing on gender-related KPIs, and identified root causes for gender balance issues at the executive management level, highlighting a commitment to data-driven decision-making.

ADDITIONAL SKILLS

* Excellent debugging and critical thinking skills
* Excellent analytical and problem-solving skills
* Proficient in English and Hindi