Resume

PRABHAT KUMAR

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GitHub: github.com/prabhatadvait
Portfolio: prabhatadvait.github.io/Portfolio-Website/

Summary

Enthusiastic learner in the computer science field with a strong foundation in data science and analytics. Proven skills in programming, data analysis, and project management. Passionate about leveraging data to drive business insights and make informed decisions.

Education

RN Shetty Institute of Technology, Bengaluru, Karnataka
Bachelor of Technology - BTech, Computer Science (Data Science)
2022
CGPA: 9.4

Skills

- Programming Languages: C, C++, Python, JavaScript, HTML, CSS, R

- Tools and Technologies: Node.js, React, Linux, Shell Scripting, Docker, Kubernetes, Ethical Hacking, Generative AI

- Specializations: AI and Machine Learning, Deep Learning, Natural Language Processing (NLP), Large Language Models (LLM), Python Flask

Certifications

AWS Certification

Infosys Certification

Let's Upgrade Certification

Udemy Certification

Microsoft Azure Data Fundamentals

Projects

1. **Vox-Pilot**
   Virtual assistant built using Python with speech recognition to understand voice commands. GitHub

2. **OCR-Document-Reader**
   OCR project leveraging Python to extract text from images, converting documents into machine-readable text. GitHub

3. **BASH-Scripting-linux-zsh**
   Created a game for Elden Ring using shell scripting. GitHub

4. **Portfolio-Website**
   Personal portfolio website showcasing skills, projects, and professional journey with HTML, CSS, and JavaScript. GitHub

5. **PHP-laravel-app-docker**
   Deployed a PHP Laravel application in a Docker container for easy setup and scalability. GitHub

6. **Flask-Gui-app**
   Flask GUI app for demonstrating web application development with the Flask framework. GitHub

7. **Grocery-Full-stack-web-app**
   Full-stack grocery management app using Python Flask, SQLite, HTML, CSS, and JavaScript. GitHub

8. **Insta-BOT**
   Instagram bot using Python and the Instagram API to automate tasks like posting, liking, and commenting. GitHub

9. **Unity-Game-Asset-Management-System**
   Developed a Unity Asset Management System using PHP for server-side and MySQL for database management. [GitHub](#)

10. **VR-System-to-Simulate-Soft-Hand-off-among-Towers-in-Mobile-Network**
    Simulated soft hand-off among towers in mobile networks using VR. [GitHub](#)

11. **Gesture-Based-Calculation-Computer-Vision**
    Gesture-based system for numeric input and real-time calculations using AI and computer vision. [GitHub](#)

12. **Breast-Cancer-Detection-System**
    Logistic Regression-based breast cancer detection using scikit-learn, NumPy, and Pandas. [GitHub](#)

13. **ANN-Model-to-Predict-the-Electrical-Energy**
    Predicts electrical energy consumption using an Artificial Neural Network (ANN). [GitHub](#)

14. **Blog-LLM-AI-DATA**
    Blog web app with login, post creation, and SQLite integration using Python Flask. [GitHub](#)

15. **Salary-Prediction-System**
    Salary prediction using Simple Linear Regression based on years of experience. [GitHub](#)

16. **Sentiment-Analysis-for-Restaurant-Reviews**
    NLP-based sentiment analysis of restaurant reviews to classify them as positive or negative. [GitHub](#)

17. **Churn-Detection-for-Bank-Customers**
    Predicting bank customer churn using an ANN model. [GitHub](#)

18. **Cat-vs-Dog-Image-Classification-using-CNN**
    Classifies cat and dog images using a Convolutional Neural Network (CNN). [GitHub](#)

19. **Ads-CTR-Optimizer-using-Reinforcement-Learning**
    Optimizes Ads Click-Through Rate (CTR) using Reinforcement Learning with the UCB algorithm. [GitHub](#)

20. **SmartTrend-ARL-Association-Rule-Learning**
    Uses Apriori and Eclat algorithms for uncovering patterns in transaction data. [GitHub](#)

Experience

Placement Coordinator, College

- Organized and coordinated placement activities, enhancing the placement process for students.

Event Organizer, College

- Planned and executed events for IEEE, fostering community engagement and professional development.

Hackathon Participant

- Participated in various hackathons, contributing innovative solutions and collaborating with teams to develop impactful projects.