Prachi Hiware

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SUMMARY

Highly skilled and versatile professional with a passion for creating visually appealing and user-friendly interfaces. Experienced in UI/UX design, front-end development, Artificial Intelligence, Machine Learning, Full Stack Developmnt and game development, with a strong background in technologies such as Figma, React.js, Python, Unity, Blender, Sandbox GameMaker, and AI. Committed to delivering exceptional digital experiences through creativity, attention to detail, and cutting-edge technology.

EDUCATION

Indian Institute of Information Technology, Pune
Master of Technology, Computer Science with specialisation in Artificial Intelligence
- CGPA: 8.72/10 — Among top 5

Yeshwantrao Chavan College of Engineering, Nagpur
Bachelor of Engineering,Computer Technology
- CGPA: 8.37/10 — First Division with distinction

EXPERIENCE

IT Intern   July 2022-May 2023
Nomura Holdings   *Mumbai*
- Developed a website and mobile application using ReactJS, Babylon JS, Python Flask, Amazon Sumerian Host, and AWS services
- Created UI frameworks for the mobile application using Figma.
- Integrated Blender models into Unity for architectural purposes and designed, developed and tested models in Voxedit and Sandbox Gamemaker.
- Pioneered the incorporation of the metaverse on Oculus Meta Quest 2 and Unity.

Computer Networks Teaching Assistant   March 2022-June 2022
Indian Institute of Information Technology
- Instructed Computer Network Lab concepts, maintained accurate and organized records of student grades and performance in Computer Network Lab.

Artificial Intelligence Intern   Aug 2021-Sept 2021
Internship Studio
- Developed a German to English Translator using a **Seq2Seq** model in Keras.
- Implemented Neural Machine Translation (NMT) for German to English translation.

Ethical Hacking Intern   July 2021-Aug 2021
Internship Studio
- Resolved XSS problems in Portswigger labs and utilized Kali Linux.
- Identified vulnerabilities on websites using Netsparker.

Web Designing Intern   June 2020-July 2020
Internship Studio
- Designed an E-commerce website with HTML, CSS, JavaScript frontend, and PHP backend.

PROJECTS

Web Scraping and Text Extraction Automation | *Python*
- Dynamically accepted URLs for scraping
- Retrieved webpage content and stored it locally.
- Parsed HTML content with BeautifulSoup.
- Extracted and saved text for analysis.

AI-Powered News Article Classifier with History | *Python, Css, HTML*
- Categorized news articles using AI.
- Maintained classification request records in a database.
- Scraped news article content.
- Persisted classification history in a dedicated database.

React JS Mobile Application | *React JS, Python, AWS*
- Developed a mobile application using ReactJS functional components and Material UI for the front-end.
- Implemented data creation and storage using ReactJS and Python Flask.
- Integrated Amazon Sumerian Hosts for an immersive user experience.

Question Answering System using BERT | *Python*
- Built a search system with Elasticsearch.
- Developed a Question Answering system using BERT.
- Implemented the BM25 algorithm for ranking.
- Identified top answers with probabilities and retriever scores.

Least privilege to apps in Android | *Python*
- Conducted web automation and data retrieval with Selenium.
- Implemented headless browsing for web scraping.
- Created a user-friendly interface for automated Google searches targeting Android apps.

Digit Classification using machine learning | *Python*
- MNIST Dataset used and created GUI to draw digits.
- The digits are entered by the user and achieved an accuracy of 99.4 percent on the MNIST dataset
- Successfully implemented a 3-layer neural network using the Keras library and compiled the model with categorical cross-entropy loss and the Adam optimizer.

Analysis of Twitter Data and hashtags | *Python, tweepy, matplotlib*
- Conducted sentiment analysis on individual Twitter IDs using TextBlob, analyzing the top 200 tweets.
- Visualized data as time series using Matplotlib and other APIs.
- Extracted Twitter data in JSON format for further analysis.
- Utilized WOEID (Where On Earth ID) to retrieve trending hashtags specific to a particular location.

TECHNICAL SKILLS

Languages: Python, Javascript, React JS, C/C++
Frameworks: Web-development.
Applications: Blender, Figma, Unity, Voxedit, Sandbox Gamemaker, ChatGPT, Webflow

CERTIFICATION AND ACHIEVEMENTS

Google Cloud Platform Fundamentals-Core Infrastructure: Google Cloud and Coursera.
Machine Learning: Duke University and Coursera.
Python: University of Michigan and Coursera.
ChatGPT: Great Learning.
Data Science and Machine Learning with Python: Li-Mat Soft Solutions Pvt Ltd.
SQL 5 Star-Gold Level - Hackerrank