

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 Development 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.
- 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 a Neural Machine Translation (NMT) system for converting German sentences to their English counterparts.

Ethical Hacking Intern

July 2021-Aug 2021

Internship Studio

- Resolved XSS problems in Portswigger labs and utilized Kali Linux.
- Identified vulnerabilities on zero.webappsecurity.com and testasp.vulnweb.com websites using Netsparker.

Web Designing Intern

June 2020-July 2020

Internship Studio

- Designed a dummy E-commerce website with a frontend in HTML, CSS, and JavaScript and backend in PHP

PROJECTS

Web Scraping and Text Extraction Automation | *Python*

August 2023

- Implemented a user-friendly input prompt to dynamically accept URLs for scraping.
- Utilized the urllib.request module to retrieve webpage content and saved it locally.
- Employed the BeautifulSoup library for parsing HTML content efficiently.
- Created a new text file and stored the extracted text for further analysis.

AI-Powered News Article Classifier with History | *Python, Css, HTML*

August 2023

- Developed a web application to categorize news articles and maintain a record of classification requests, employing AI-based prediction and database storage.
- Created a frontend using HTML.
- Developed a robust scraping service that accepted news article URLs as input, seamlessly retrieved the article's content, and furnished it for further processing.
- Created a dependable data persistence service to record each classification request along with its outcome in a dedicated database

React JS Mobile Application | *React JS, Python, AWS*

October 2022-Feb 2023

- Developed a mobile application using React JS functional components and Material UI for the front-end.
- Implemented data creation and storage using React JS axios and Python Flask.
- Incorporated Amazon Sumerian Hosts to enhance interactivity and provide an immersive user experience.

Question Answering System using BERT | *Python*

Feb 2022-April 2022

- Employed Elasticsearch as a search system to build the model.
- Utilized BERT for the development of a Question Answering system.
- Utilized Haystack as a base API and implemented the BM25 algorithm for the ranking system.
- Successfully identified the top 5 answers from a given dataset, providing probability and retriever score for each answer.

Least privilege to apps in Android | *Python, Kali Linux*

Oct 2021-Feb 2022

- Scraped all the permissions app requires using google playstore.
- Created APK/app to check and provide least permissions to apps.

Digit Classification using machine learning | *Python*

Jan 2022

- MNIST Dataset used and created GUI to draw digits.
- The digits are entered by the user and identified with an accuracy up to 99 percent.

NLP Based query processing of Unstructured Data | *Python, HTML, JS, Bootstrap*

June 2021

- Information extracted from unstructured data.
- Used Haystack as a base API.
- Started an ElasticSearch Server using Docker.

Analysis of Twitter Data and hashtags | *Python, tweepy, matplotlib*

May 2020

- 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