

Pawan Sharma

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Bachelor of Technology

Bhilai Institute of Technology,Durg

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GitHub Profile

LinkedIn Profile

Portfolio

EDUCATION

•Bachelor of Technology in Computer Science and Engineering(Artificial Intelligence)

2021-25

Bhilai Institute of Technology,Durg

CGPA:9.01

PERSONAL PROJECTS

•Smart Resume Analyzer

Project code : [GitHub](#)

Developed an AI-based tool for analyzing resumes and providing skill recommendations.

- Created a web app using Streamlit that extracts key information from resumes such as name, email, phone, and skills.
- Implemented a machine learning model to recommend skills based on job profiles, enhancing the resume evaluation process.

•Mahabharat QA Chatbot

Project code : [GitHub](#)

Developed an NLP-based chatbot capable of answering questions related to the Mahabharat.

- Built a question-answering system using NLP techniques to extract relevant responses from the Mahabharat text.
- Utilized Python and transformer models to create a chatbot interface that interacts with users and provides accurate answers.

•Data Visualization Tool

Project code : [GitHub](#)

A comprehensive tool for data visualization using Python libraries.

- Built a web application that generates interactive data visualizations from user-uploaded datasets using Matplotlib and Plotly.
- Developed features to support multiple file formats and customize graphs to meet specific user requirements.

EXPERIENCE

•Machine Learning Internship

May 2024

CodSoft

Online

- Task 1: Developed a Movie Genre Prediction model using Multinomial Naive Bayes, achieving 71.25
- Task 2: Built a Credit Card Fraud Detection system with Random Forest, reaching 99.55
- Task 3: Created an SMS Spam Prediction system using TF-IDF and Multinomial Naive Bayes with 99.09
- Utilized datasets from Kaggle and maintained a structured code repository for easy access and exploration.

•Web Development Internship

May - June 2023

Octanet

Online

- Designed and deployed an engaging anime-themed landing page, optimizing user experience and interaction.
- Developed a high-fidelity clone of Crunchyroll, demonstrating advanced web development and design skills.
- Created a functional To-Do list application with intuitive task management features and a sleek user interface.

TECHNICAL SKILLS AND INTERESTS

Languages: Python, Java , C/C++ , JavaScript, HTML, CSS

Libraries: NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch

Web Development Tools: Node.js, Express.js, React.js, Visual Studio Code, GitHub

Databases: MongoDB, MySQL

Relevant Coursework: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management Systems, Software Engineering, Machine Learning, Web Development

Areas of Interest: Machine Learning, Data Science, Web Design and Development, AI Applications

Soft Skills: Strong problem-solving abilities, effective self-learning techniques, adept presentation skills, exceptional adaptability to diverse situations, teamwork and collaboration, attention to detail.

POSITIONS OF RESPONSIBILITY

•Vocational Trainee Bhilai Steel Plant - Bhilai,Durg

May - June 2023

- Gained valuable insights into the role of technology in optimizing heavy machinery operations for rail line construction.
- Conducted on-site visits to various facilities to immerse in and understand the operational environment.