

YASHVARDHAN ASTHANA

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OBJECTIVE

Recent Computer Science graduate, with expertise in web development, data science, and machine learning along with a strong foundation in programming languages like Python and Java.

EXPERIENCE

Software Development Engineer Intern

Jan 2024 - Jul 2024

Biz4Solutions Private Limited

Indore, MP

- Developed and maintained backend services and RESTful APIs for an inventory management project using Spring Boot and PostgreSQL.
- Collaborated with cross-functional teams to enhance the inventory management system while improving team skills and knowledge.

Salesforce Developer Intern

May 2023 - Jul 2023

TheSmartBridge

Remote

- Developed and customized Salesforce solutions, including dashboard creation, workflow automation, and data integration.
- Enhanced CRM functionality by implementing tailored solutions and optimizing processes during the Salesforce Developer Virtual Internship.

EDUCATION

Bachelor of Technology in Computer Science Engineering

Jul 2020 - Jul 2024

Amity University | Noida, UP

Cumulative CGPA: 8.28

SKILLS

Technical Skills

- Programming Languages: Python, Java, C, C++
- Web Development: HTML5, CSS3, JavaScript, React, Spring Boot, Node.js
- Database Management Systems: MySQL, PostgreSQL, MongoDB
- Technologies: Machine Learning, Deep Learning, Data Structures & Algorithms, Data Analysis, Statistical Analysis
- Tools and Frameworks: Git, Advanced MS Excel, Power BI, Tableau, MS Office, Python, SQL, Generative AI, Data Visualization
- Operating Systems: Windows, Unix/Linux, macOS

Soft Skills: Effective Communication, Team Collaboration, Leadership, Time Management, Decision Making, Adaptability, Problem Solving, Continuous Improvement

PROJECTS

Twitter Spam Detection Model: Collaborated on preprocessing a dataset of 5,572 labeled tweets, applied SMOTE for class imbalance, used TF-IDF for vectorization, and MinMaxScaler for normalization; achieved 98.65% accuracy with Bernoulli Naive Bayes after evaluating thirteen machine learning classifiers, enhanced performance with ensemble techniques (voting, stacking), deployed the model via a local Streamlit webpage, and published the research paper in the IEEE journal. ([See Research Paper](#))

ATS Tracking LLM Project: Developed an ATS Tracking System LLM Project in Python using Google Pro Gemini that allows users to upload job descriptions and resumes. The model calculates the percentage match between the two and provides an analysis of the content mentioned in the resume.

YouTube Video Transcribe Summarizer LLM App: Created a YouTube Transcriber App in Python using Google Pro Gemini that generates concise notes from YouTube videos, simplifying the process of capturing key information from video content.

CERTIFICATIONS

- Data Analytics and Visualization (Accenture)
- Cyber Security and Privacy (NPTEL, IIT Madras)
- Python for Data Science (NPTEL, IIT Madras)
- Principles of Economics (NPTEL, IIT Madras)
- Salesforce Developer Virtual Internship (SmartBridge)
- Agile Software Development (Infosys Springboard)
- Sociology of Science (NPTEL, IIT Roorkee)
- High Impact Presentations (Infosys Springboard)