Richa Kumari Jaishwal

Chennai, India

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Work Experience

Infosys Springboard　　　　　　　　　　　　　　　　　　　　　**Nov 2024 - Jan 2025**
AI Intern　　　　　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
- Developed and deployed a predictive model for supermarket sales using time series analysis, increasing accuracy by approximately 15% compared to baseline models.
- Streamlined a complete ML pipeline—data preprocessing, model training, evaluation, and deployment—reducing turnaround time by 30%.

GirlScript Summer of Code (GSSoC), Hacktoberfest　　　　　　　**Oct 2024 – Nov 2024**
Project Admin (Present) & Open Source Contributor　　　　　　　　　　　*Remote*
- Spearheaded and mentored 15+ contributors across open-source projects; facilitated efficient pull request reviews and milestone tracking.
- Delivered 10+ accepted pull requests across repositories, enhancing algorithm performance, UI features, and documentation standards.

Education

Amrita Vishwa Vidyapeetham Chennai Campus　　　　　　　　　　　**2023–2027**
Bachelor of Technology (B. Tech) in Computer Science and Engineering (CGPA of 8.86/10)　　*Chennai, India*

Projects

Skill Recommendation System | *Python, NLP, Streamlit, O*NET Database, scikit-learn* |
- Engineered a personalized skill analysis tool using NLP to recommend technical and soft skills based on job descriptions.
- Built a GUI interface using the O*NET database to map job descriptions to competency frameworks, achieving 92% prediction precision.
- Enabled users to identify and close skill gaps through personalized learning path suggestions.

AI Market Maven | *Python, Pandas, Matplotlib, Scikit-learn, Time Series Forecasting* |
- Created a time series-based forecasting engine for supermarket sales, reaching 95% model accuracy.
- Minimized overstock by 15% through data-driven inventory planning, improving operational efficiency.

AI-Powered Text Summarizer | *Hugging Face Transformers, Node.js, Express.js* |
- Designed a web platform that leverages transformer-based models to generate concise document summaries.
- Boosted productivity by reducing average reading time by 20 minutes per document and improving task efficiency by 50%.

Achievements

- Earned *5-star ratings in Python, Java, and C++* on HackerRank, ranking among the top **2% of global coders**.
- Published research paper titled *"Automatic Detection of Leaf Diseases in Hibiscus Plants Using Live Image Dataset with User Interface"* at **IEEE CYBERCOM 2024**; achieved **97.21% accuracy** with a CNN model trained on **5,000+ labeled images**.
- Completed **3 industry-recognized certifications**, including:
  * Networking Servers and Cloud Solutions (IT Backbone)
  * Software Development (LinkedIn Learning)
  * Public Speaking (Udemy, rated 4.7/5)
- Solved over **180 LeetCode problems** and participated in **10+ national coding contests**, consistently ranking in the top **25%**.
- Maintained a portfolio of **10+ personal and academic projects** on GitHub across ML, full-stack development, and open-source domains.

Technical Skills

Languages: C++, Python, HTML, CSS, JS, Pug, Django
Technologies/Frameworks/Libraries: Node.js, React JS, Boostrap, Tailwind CSS, Numpy, Pandas
Other: Data structures, Algorithm design, Debugging, Machine Learning, Web Development