KIRUTHIKA KOLANCHINATHAN

Data Analyst |Web Developer

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SUMMARY

A strong skills in front-end development, AI, and full-stack tools. I have hands-on experience building responsive web applications using HTML, CSS, JavaScript, and React. I've also started exploring data science and backend technologies, and I'm passionate about combining design with functionality to create engaging user experiences. I enjoy learning new technologies and applying them in real-world projects.

EDUCATION

B.Tech – Information Technology, Jeppiaar Institute of Technology -CGPA: 8.234 (Up to 6th Sem) 2022-2026
HSC - Government Higher Secondary School (Super-30) - 89%   **2021–2022**
SSLC- Government Higher Secondary School - 91%   **2019–2020**

SKILLS

Programming Languages& SQL: Python, Java, HTML, CSS, JavaScript,React,Oracle ,postgresql
Frameworks & Libraries: React, NumPy, Pandas
Tools & Technologies: Power BI, MS Excel, Canva, Git & GitHub
Development Platforms: VS Code, Oracle SQL, PyCharm, Jupyter Notebook

INTERNSHIP

AI Intern, [Duffl Digital](#)   **Oct 24-Nov 24**

Worked on AI model development and data preprocessing using Python. Created dashboards with Power BI for data visualization and insights. Explored cloud platforms for deploying models and collaborated with teams using GitHub.

PROJECTS

HR ANALYTICS DASHBOARD USING POWER BI   **Oct 24-Nov 24**

Developed an HR data analytics dashboard using Power BI, visualizing key work for cemetrics such as employee distribution,rate, and performance indicators to support data-driven decision making.

WEATHER FORECASTING APP (REACT + VITE)   **Feb 2025**

Developed a weather forecast application using React and Vite, leveraging real-time weather APIs to provide accurate, location-specific forecasts. Focused on delivering a fast, responsive, and optimized user experience.

PLANT DISEASE DETECTION SYSTEM   **Mar 25–Apr 25**

Developed a deep learning-based model using Python and TensorFlow/Keras   to identify plant diseases from leaf images. Utilized image classification techniques to enhance early diagnosis and support agricultural decision-making.

CERTIFICATIONS

- **Ethical Hacking, NPTEL – Completed a certified course covering system vulnerabilities, penetration testing, and network security fundamentals.**

- **Web Development, Infosys Springboard – Gained hands-on experience in building responsive websites using HTML, CSS, and JavaScript.**
- **Data Science, Novitech – Learned data analysis, visualization, and basic machine learning concepts using Python and real-world datasets.**
- **Azure Fundamentals,Infosys Springboard- It validates the understanding of basic cloud concepts and core Azure services.**

ADDITIONAL INFORMATION

- **Participated in various inter-college symposiums and hackathons; completed project work during events.**
- **Served as a Full Stack Club Report Coordinator, managing event documentation and reporting.**
- **Active NSS and IETE member; coordinated technical and non-technical events for 2 years.**
- **Organized symposiums and student activities as part of college societies.**
- **Won 3rd prize in IETE Project Presentation for Smart Campus Waste Management System.**