RANJITHA R

WEB DEVELOPER

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CAREER OBJECTIVE

Highly motivated and versatile Programmer and Data Specialist with hands-on experience in full-stack development technologies and database management. Proven ability to configure, deploy, and support database-backed systems and web applications. Expert in mentoring and guiding projects utilizing Python and Django, complemented by a strong technical foundation in HTML, CSS, and JavaScript. Skilled in MySQL and PostgreSQL for managing and ensuring the accuracy of large datasets. Seeking to leverage instructional expertise and practical application skills to build high-quality, scalable web solutions.

WORK EXPERIENCE

Programming & Data Faculty |ICS India   2023 - 2025
- **Configured and deployed technical solutions** for student projects, including database-backed systems and web applications.
- **Assisted in the programming of custom modules** and features by mentoring students in projects using Python and Django.
- **Managed data records** and databases (MySQL, PostgreSQL) for over 100 students, ensuring data accuracy and efficient retrieval.
- **Developed project guidelines and assessment metrics** that required real-time data manipulation and analysis, demonstrating strong system design skills.
- Delivered technical training in **Python, HTML, CSS, JavaScript, and database concepts**, which provides a strong understanding of core IT principles.
- **Records and File Management:** Maintained and managed sensitive internal data records and over 100 student files within the Learning Management System (LMS), ensuring **100% data accuracy** and secure organization.

TECHNICAL SKILLS

Programming: Python (Pandas, Numpy), HTML, CSS, JavaScript, C/C++
Databases: MySQL, PostgreSQL
Frameworks: Django
Data Analytics: Power BI, Advanced Excel
Other Tools: MS Office, Git, VS Code, Jupyter Notebook,Wordpress

PROJECTS

- **Secure Online Voting:** Developed a complete EVM system with facial authentication, demonstrating end-to-end experience in building and configuring a secure, full-stack application.
- **Student Result Analysis (Excel + Python):** Programmed a system using Python (Pandas) and Excel to manage and analyze student performance data, which showcases skills in data handling and reporting essential for an ERP role.
- **Sales Dashboard in Power BI:** Built an interactive dashboard for analyzing regional sales data, demonstrating proficiency in business intelligence and data visualization.

EDUCATION

Master's Degree in Computer Science, University of Calicut   2023 | GPA: 83%
Bachelor's Degree in Computer Science, University of Calicut   2021 | GPA: 78.76%

CERTIFICATIONS

- Certified Software Developer - Java, Camerinfolks, Cochin
- Microsoft Office Specialist: Excel - CCST College
- Web Designing - CCST College
- Power BI Workshop - United Latino Student Association

ADDITIONAL INFORMATION

- **Passport Details:** AF624092
- **Languages:** English, Hindi, Malayalam, Tamil