Jyothsna Panchireddi

Software Developer

About Me

Hi, I'm Jyothsna! 💻🎨
A software developer with internship experience in coding (Python/Java) and a creative designer passionate about crafting sleek posters, logos, and templates. I blend logic with artistry to build functional systems and eye-catching visuals. Let's innovate through code and design!

Resume

Relevant Experience

May 2023-July 2023   Software Developemnt Intern
GA Digital Solutions

1.Optimized SQL queries for HR/payroll systems, reducing processing time by 40%.
2.Developed RESTful APIs (Django) to streamline data transfer, improving system efficiency by 20%.
3.Collaborated in an Agile team to implement automated testing, cutting bug resolution time by 50%.
4.Tech Stack : Python, Django, MySQL, ReactJS

July 2022-September 2022   SalesForce Intern
Smart Bridge

1.Refactored legacy code using OOP principles, enhancing front-end performance by 25%.
2.Debugged and optimized database interactions in a blockchain prototype.

Projects

January 2024-May 2024   **Advanced Diabetic Retinopathy Detection with Retinal Images Using Deep Learning**

1.Developed a hybrid deep learning model (InceptionV3 + ResNet50) achieving 90% accuracy in medical image diagnosis.
2.Applied data augmentation and advanced image processing to overcome low-resolution dataset challenges.
3.Technologies: Python, TensorFlow, Keras, OpenCV, Data Analysis

May 2023-July 2023   **intern**
GA Digital Solutions

1.Designed and implemented a scalable HR and payroll system for production environments.
2.Improved system response times by 30% through code optimization and data manipulation.
3. Ensured system reliability by implementing test-driven development (TDD) and data validation techniques.
4.Technologies: Python, Django, ReactJS, REST APIs, MySQL, Data Validation.

Education, Certification, Awards

BTech in Computer Science

BTech in Computer Science - 8.0 GPA
{Vizianagaram, Andhra Pradesh } 2020

My university education honed my communication and organisational skills immensely by providing me with a number of the great work opportunities.

Certifications

1. **Python Developer Certification (infosys SpringBoard)**
2. **Software Developer Intern Cretification**
3. **Basics of Bussiness Communications**
4. **Introduction to Digital Marketing**

Leadership/Extracurricular

1.olunteered as a mentor for junior students, providing guidance on software projects and technical skills.
2.Represented JNTU GV College in the South Zone Volleyball Tournament.
3.Runners-up in the Inter-Collegiate Volleyball Tournament.

Skills & Proficiencies

Programming Languages:

Python, JavaScript, SQL

Frontend Technologies:

ReactJS, HTML, CSS

Backend:

Django, REST APIs

Data & Algorithms:

Data Structures & Algorithms, Tableau (Data Visualization)

Cloud Tools:

**AWS (EKS, EC2, etc.), CI/CD Pipelines
Git, GitHub, VS Code**

Project Management & Collaboration:

Agile Methodologies, Jira

Connect with me

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