SOWJANYA RUNKU

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SUMMARY

Highly motivated software development enthusiast seeking a position to leverage my skills in C,python.Equipped with foundational knowledge of Data Structures and Algorithms,with a focus on problem-solving and logical thinking.Passionate about building web-based applications and gaining practical experience in front-end and back-end web development.Always eager to learn new technologies, improve coding skills.Currently exploring opportunities to apply and grow my skills in software development,web technologies,and core programming.

EDUCATION

Bachelor of Technology, Computer Science and Engineering   *2022 – Present*
Rajiv Gandhi University of Knowledge Technologies, Srikakulam
CGPA: 9.03

Pre University Course   *2020 – 2022*
Rajiv Gandhi University of Knowledge Technologies, Srikakulam
CGPA: 9.73

Tenth
Viswa Santhi High School,Polaki
CGPA: 10.0

TECHNICAL SKILLS

Programming Languages: Python, C , JavaScript
Web Development: HTML, CSS
Frameworks: Django, Bootstrap
Tools & Technologies: VS Code, Google Colab, Jupyter Notebook
Libraries: Pandas, NumPy, scikit - learn, Transformers
Others: Data Structures & Algorithms, Problem Solving

PROJECTS

Natural Language to SQL using NLP and T5
Implemented a system that translates human language questions into SQL queries.Utilized NLP techniques for data preprocessing and fine-tuned the T5 transformer model for query generation.Focused on improving the accuracy of natural language understanding and SQL mapping.

Hospital Management System – Lifesync Health using Django
Developed a web-based Hospital Management System using Django framework.Created user interfaces for doctors, patients, and admins using HTML, CSS, and Bootstrap.Implemented database models, views, and CRUD operations using Django ORM.

Android Malware Detection Project
Developed an application to detect and prevent malware on android devices.Implemented algorithms to analyze app behaviour and flag suspicious activities.

INTERNSHIPS

Web Development(Using Django)Intern – APSSDC
Designed responsive web pages using HTML, CSS, and JavaScript.Built static websites using Bootstrap and practiced modern layout design.Learned version control basics using Git and worked in VS Code.

Python Intern – InternPe
Followed guided exercises to understand basic Python applications.Explored small projects like Digital Clock, Calculator, and Tic Tac Toe using shared templates.Learned how to run and modify Python programs with logic and GUI (Tkinter).

CERTIFICATIONS

- EDX certificate on Foundations of AI.
- Certification Of Participation in Data Science Using Python Workshop-2024.
- Certification of participation in Workshop "Built Your Own Generative AI Model".
- NPTEL Course: Object Oriented System Development using UML, Java and Patterns – 63 %
- NPTEL Course: Deep Learning – 64 %
- Certification of Participation in AINCAT Aptitude Test.
- Ramanujan Certificate received in high school.

SOFT SKILLS

- Communication
- Teamwork
- Problem Solving
- Time Management

DECLARATION

I Certify that above details and information provided in this resume is true and accurate to the best of my knowledge and belief. It will match the respective job opportunity and ready to submit all the necessary documents and certifications whenever required.