CONTACT

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EDUCATION

PG Diploma in Artificial Intelligence

- CDAC,NOIDA PERCENTAGE:
- 70.15%

B.TECH IN ELECTRONICS & COMMUNICATION

- **Meerut Institute of Technology, Meerut**
- **Percentage: 63.45%**

TECHNICAL SKILLS

- Programming Languages: Python, C, Databases, SQL Operating
- System: Windows Data Analysis
- Tools: NumPy, Pandas
- Cloud Computing: Amazon Web Services (AWS) EC2
- Version Control: Git, GitHub
- Microsoft package: MS- Word,MS- Excel, MS- PowerPoint

VAISHALI VERMA

Python Developer

PROFILE

Aspiring Python Developer and Data Scientist with a PG Diploma in Artificial Intelligence. Proficient in Python, AWS (EC2), Git, GitHub, Machine Learning (ML), Deep Learning (DL), and Natural Language Processing (NLP). Passionate about developing data-driven solutions, optimizing performance, and contributing innovative and impactful technologies to business challenges.

WORK EXPERIENCE

IC ELECTRICALS COMPANY (P) LIMITED

Python Developer   1june2023 - 31st Aug 2024

- Developed scalable and maintainable Python applications to solve real-world business challenges.
- Designed and implemented interactive GUI applications using Tkinter, enhancing user accessibility and experience.
- Built form-based and data-driven desktop tools using Tkinter for internal automation and operational efficiency.
- Integrated Tkinter interfaces with backend logic and data processing scripts for streamlined workflows.
- Automated repetitive tasks by combining Python scripting with custom GUI interfaces.
- Ensured application performance and stability through debugging, unit testing, and error handling.
- Collaborated with cross-functional teams to gather interface requirements and deliver user-centric solutions.
- Documented code, user manuals, and workflows to support future enhancements and maintenance.

Projects

PG- DAI project on "Study of Battery Usage pattern using AI" The project aims to understand how different factors such as charging and discharging, and usage patterns that can affect the performance and life span of batteries.

The data collected will be analyzed to find patterns in the usage of batteries. The prediction model designed can be utilized to improve battery performance and efficiency.

The result of this study could be used to develop smart battery management strategies.

Personal Details

Date of Birth: 17-06-1996

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