Krishna Kumar Verma

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TECHNICAL SKILLS

Programming Languages: Python, C
Libraries & Tools: Pandas, NumPy, Matplotlib, FastAPI, Django, Machine Learning, Web Scraping
Cloud & Infrastructure: AWS-EC2, Nginx, CI/CD
DevOps & Security: Linux, Shell Scripting, Git, Iptables, Suricata, Pfring, Paramiko, Putty
APIs & Databases: API Design, Endpoints, Schema Designing, PostgreSQL, SQL, Data Analysis, Prediction, Modeling

WORK EXPERIENCE

Senior Python Developer

Itsolutions4India, New Delhi   *March 2024 - Present*

- Developed and Integrated Messaging System: Built a robust bulk messaging system using Meta's WhatsApp Business API, seamlessly integrating it with the CRM for personalized, timely communication. Implemented dynamic message personalization, scheduling features, and optimized message templates, leading to high approval rates and increased user engagement.
- Enhanced Performance Tracking and Reporting: Designed a custom analytics dashboard to monitor message performance, which provided actionable insights and improved customer retention by 30%. Leveraged webhooks for real-time reporting and event notifications, ensuring efficient monitoring and response to messaging activities.

Software Developer (R&D)

Whitelint Global Pvt Ltd, New Delhi   *Jan 2023 - March 2024*

- Developed Wafer, an embedded Linux solution, to thwart malware threats like ransomware, viruses, trojans, and worms. Implemented a real-time packet filter to actively detect and block malicious packets, preserving network integrity and confidentiality.
- Created Flask web app for remote network configuration via SSH, facilitating easy management of static and dynamic IPs.
- Organize and handle bugs and issues reported from users, continuously update software to meet client needs.

Software Engineer

Sofcon India Pvt Ltd, New Delhi   *Jan 2022 - Dec 2022*

- Design a comprehensive data science course integrating Python programming with essential libraries such as Numpy, Pandas, Matplotlib, Seaborn, and Scikit-learn. Proficient in SQL, statistics, and machine learning techniques, providing students with in-depth knowledge and practical training. Tailored course content to meet specific industry demands, executing project development activities to ensure relevance and effectiveness.

Data Science Training

Almabetter

- Fundamental of python programming,Library(numpy,pandas,matplotlib,seaborn,sk learn),Machine Learning,SQL,Excel and.Data Analysis,Data Modeling,Data Visulization and Math of Data Science.

EDUCATION

Rajkiya Engineering College   Roberts Ganj,Sonbhadra

Bachelor of Technology in Electronics Engineering   *Aug 2017 - Aug 2021*

PROJECTS

- **HOTEL BOOKING ANALYSIS**, The project entails Python-based data analysis of hotel bookings, involving processes like importing data, cleaning, preparation, and visualization. It explores factors influencing bookings in city and resort hotels, emphasizing anonymity of personal data. GitHub
- **WEATHER DETECTION**, Developed a temperature and humidity measurement prototype with Arduino UNO microcontroller and specialized sensors, enabling real-time data collection for environmental monitoring, showcasing sensor technology integration.

CERTIFICATION

- Python   Link
- RestAPI   Link
- Data Analysis   Link

INTERESTS

- Playing Cricket
- Table Tennis