Nandit Srivastava

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(Kindly email if I miss your call)

Professional Summary

- Dynamic and results-driven Software Engineer specializing in AI/ML integration and cloud solutions.
- Skilled in developing scalable applications using Python and Django, with a focus on performance optimization, data-driven insights, and AI-based personalization.
- Proven track record in leveraging AWS for robust and efficient deployments, with expertise in creating RESTful APIs and implementing machine learning solutions to drive user engagement and operational success.
- Recognized for clear technical communication and strong collaborative abilities in cross-functional environments.

Technical Summary

Languages & Frameworks: Python, Django, Django REST Framework, SQL, HTML, CSS, Bootstrap
AI & ML Libraries: NumPy, Pandas, Matplotlib, SciPy, Seaborn
Cloud & DevOps: AWS (S3, Lambda, RDS, CloudWatch), Docker, CI/CD
Tools: PyCharm, Visual Studio Code, Git, MySQL
Other Skills: Computer Vision, Machine Learning, Data Analysis, API Development

Professional Experience

Adobe, Bangalore (January 2024 to Present)
Software Engineer - Python

Employer – Prismagic Solutions LLP

- Developed and optimized integration scripts within the Adobe AEM environment, leveraging Python for automation and data processing, resulting in a 20% reduction in workflow processing time.
- Engineered machine learning-based personalized content recommendations, achieving a 30% improvement in user engagement.
- Designed secure, RESTful APIs using Django REST Framework, enabling efficient and secure data exchanges between AEM and external services.
- Worked closely with DevOps teams to deploy AEM applications on AWS, utilizing Amazon S3 for asset storage, AWS Lambda for serverless solutions, and Amazon RDS for data management, enhancing reliability.
- Used NumPy and Pandas for analyzing customer preferences and visualizing data, providing insights that informed model training and enhanced product offerings.
- Monitored application performance on AWS using CloudWatch, maintaining high availability through proactive issue resolution.
- Developed webhooks for real-time synchronization and notifications, enhancing system responsiveness and user engagement.
- Developing efficient queries to retrieve and manipulate data in MySQL, ensuring performance and scalability.

Personal Projects:

Movie Recommendation Model
GitHub: [Movie Recommendation Model](#)

Developed a personalized movie recommendation system utilizing collaborative filtering and the Ashton Markov approach to predict user preferences based on ratings and viewing patterns.

Harry Potter Cloak
GitHub: [Cloak](#)

Created an interactive project using OpenCV and NumPy to simulate the magical cloak from the Harry Potter series, demonstrating skills in computer vision and image processing.

More projects: GitHub

Education

Minor in AI & ML (pursuing – 2025, online)
Indian Institute of Technology (IIT), Ropar, Punjab, India

Master of Science (MSc) in Business Analytics and Artificial Intelligence (Partially Completed)
University of Northampton, Northamptonshire, United Kingdom, 2023

Bachelor of Technology (B. Tech) in Computer Science Engineering
B.N. College of Engineering and Technology – GBTU, 2015