

SHIVAM KUMAR

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Education

Dr. A.P.J. Abdul Kalam Technical University

2021 – 2025

Bachelor of Technology in Computer Science

Delhi – NCR

Experience

AICTE Eduskills

May 2023 – July 2023

AI-ML Intern

- Executed hands-on tasks focused on artificial intelligence and machine learning throughout my Eduskills internship.
- Attained practical insights into AI-ML techniques, including data preprocessing (handling datasets of up to 10,000 records).
- Mastered industry-standard tools and libraries like TensorFlow to investigate, model, and analyze data with precision.

CISCO Networking Academy

June 2023 – July 2023

Cybersecurity Intern

- Concluded the Cisco Networking Academy Introduction to Packet Tracer course, equipping me to tackle complex security challenges in the future.
- Emphasized network security measures, gaining insights into various attack vectors such as malware, phishing, and DDoS attacks.

Projects

Heritage Identification of Monuments using Deep Learning | Python, Tensorflow, Pandas, Numpy **January 2024**

- Slashed processing time for real-time identification while boosting precision by 40%.
- Implemented CNNs and transfer learning, reducing computational resources consumption by 25% and minimizing false positives.
- Thoroughly documented the process, significantly contributing to heritage conservation and digital preservation initiatives.

Remote Work Collaboration Tool with Real-time Communication | Java, Swing, Socket, SceneBuilder **March 2024**

- Developed a collaboration tool with real-time communication features, increasing team productivity by 30%
- Guaranteed data security and privacy by mitigating security vulnerabilities through rigorous testing and validation.

Sales Insight Project using Power BI | DAX, Excel, Power Query Editor

April 2024

- Forged interactive dashboards and reports in Power BI, increasing sales data visualization by 40%.
- Implemented data modeling techniques, resulting in improvement in relationship creation and insightful calculations.
- Established data accuracy by significantly reducing errors through three stages of validation and rigorous quality checks.

Technical Skills

Languages: Java, Python

Frontend: HTML, CSS, JavaScript, Bootstrap, React, Swing

Backend: Java, Servlets, Spring, JDBC, MySQL

Developer Tools: VS Code, IntelliJ, Github, MySQL Workbench, JUnit

Profiles: [Leetcode](#), [GFG](#), [Codechef](#), [Coding 360](#), [Github](#)

Courses

- AWS Academy Graduate - AWS Academy Machine Learning Foundations
- Google Cloud Big Data and Machine Learning Fundamentals
- Prompt Engineering 5 Days Bootcamp
- AWS Cloud Practitioner Essentials
- 5-Days workshop Data Science Demystified

Achievements

- Achieved a 2-star ranking on CodeChef, showcasing expertise in competitive programming skills.
- Participated in the open-source event GirlScript Summer of Code and ranked in the top 10% of contributors.
- Organized and managed Model United Nations (MUN'22), overseeing logistics and participant engagement.
- Participated in and orchestrated the Cultural Fest 2023, actively contributing to event planning and seamless execution.