SHIKHAR SRIVASTAVA

https://github.com/Shikhar680

https://www.linkedin.com/in/shikharsrivastava68/

Email : srivastavashikhar0608@gmail.com

Phone no: +91-9936851468

Objective

A third-year Computer Science and Engineering (CSE) student seeking an opportunity to apply my skills in programming, data analysis, and problem-solving to contribute to innovative projects and gain practical experience in the tech industry. Passionate about leveraging technology to solve real-world problems and eager to collaborate with a dynamic team

Education

- Bachelor of Technology (B.Tech.) - Computer Science and Engineering (Artificial Intelligence and Machine Learning) ~Oct 2021 – Aug 2025(Expected)
  United College of Engineering and Research, Naini, Prayagraj, UP *–Secured 7.8 sgpa (upto 5th semester)*
- 12th (Intermediate) – Science
  D.A.V. Public School, Barora, Dhanbad, Jharkhand *–Secured 90% marks*

Skills

- Basic in: Java, SQL, MongoDB, Deep Learning and Java Script
- Proficient in: C, Python, Machine Learning, HTML, CSS
- Soft skills - Critical Thinking, Effective Communication, Problem-Solving Skills, Ability to perform under pressure.

Summer Trainings

- Python – Hands-on experience with various data structures and application-based learning on Tkinter.
  - Developed project – "7Up 7Down."
    - Utilized Tkinter for frontend design.
    - Integrated Random Library for fairness.
    - Leveraged NumPy for data manipulation.
- Machine Learning & Deep learning – Utilized diverse datasets to gain practical experience and deepen understanding of core concepts.
  - Developed project – "Iris Species Prediction App."
    - Used Tkinter for UI development.
    - Employed Scikit-learn and TensorFlow for machine learning tasks.

Projects

- Chess (PvP & AI) – Developing a Chess game with both player vs. player(completed) and AI modes, demonstrating creative problem-solving skills – March 2024 – present.
  - Implemented using Python (Pygame library) and object-oriented programming principles (OOPs).
- MNIST Handwritten digit recognition – Build a single-hidden layer neural network for recognizing pattern within dataset
  - Used activation functions like ReLU and Softmax
  - Calculated loss using Cross Entropy Loss
  - Implemented backpropagation for weights updates
  - Achieved 0.941 accuracy with 0.216 loss over 1000 iterations and a 0.1 learning rate.

Achievements

- Awarded "Best Innovation" at U-hack 2.0 for the development of a "Case-Flow Management System".