

DEEPAK SHUKLA

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ABOUT ME

Aspiring Machine Learning Enthusiast with a strong foundation in Python and Java, ready to harness the power of data to drive innovation. I thrive on uncovering patterns and transforming complex challenges into impactful solutions. My passion lies in exploring the vast landscape of Artificial Intelligence and other fields, and I'm eager to contribute to dynamic projects that make a real difference. Let's create transformative solutions together!

MAJOR PROJECTS

Text Analysis 🔄

Completed- 2024

- Developed a text analysis model using Long Short-Term Memory (LSTM) neural networks to accurately classify and predict sentiment in large datasets.
- Implemented pre-processing techniques and optimized the model's parameters, achieving a high accuracy rate and improved performance on test data.

SignatureCraft: Annotate & Export with Ease 🔄

Completed- 2024

- Developed an interactive Signature Pad with Annotation and PDF/Image Export, empowering users with a seamless and customizable platform to effortlessly craft and download their unique signatures.
- This dynamic project prioritizes a smooth, responsive drawing experience across all devices, leveraging advanced web technologies (HTML5 Canvas, JavaScript, jsPDF). Key features include real-time canvas resizing and versatile export options (PNG/PDF), exemplifying a strong command of front-end development and a dedication to delivering an intuitive, user-centric design that transforms the digital signing process.

Image Classification Project 🔄

Completed- 2023

- Successfully completed a project focused on fashion classification using Machine Learning. This project comprises grayscale images of various clothing items, each associated with a label representing its category.
- Leveraged Neural Networks and Python expertise to achieve accurate classification results, demonstrating adeptness in Data Analysis and Processing.

MINI PROJECTS

Message Encryption Decryption 🔄

Completed- 2024

- Designed and implemented a secure message encryption and decryption system using advanced cryptographic algorithms.
- Ensured data integrity and confidentiality through robust encryption methods, facilitating secure communication in various applications.

Netflix Clone 🔄

Completed- 2023

- Developed a Netflix clone showcasing proficiency in Frontend technologies. Implemented user-friendly interface design and functionality akin to the original platform.
- Employed strong problem-solving skills to mimic core functionalities and layout, gaining valuable experience in Frontend development methodologies.

SKILLS

- Machine Learning Algorithms:** Proficient in Random Forest, SVM, Neural Networks, Natural Language Processing and GBDT.
- Data Structures and Algorithms:** Strong grasp on fundamental concepts and problem-solving techniques.
- Computer Science Fundamentals:** Operating Systems, Computer Networks, and Database Management Systems (DBMS).
- Coding Proficiency:** Python, SQL and Java.
- Frontend Development:** HTML, CSS & JAVASCRIPT
- GIT, GITHUB**
- Organizational Skills**
- Problem-Solving**
- Adaptability**
- Communication**

EDUCATION

GLA University

Sep 2022 - July 2026

- Bachelor of Technology in Computer Science.
- Specialization in Artificial Intelligence & Machine Learning.

Parmeshwari Devi Dhanuka Saraswati Vidya Mandir

Completed- 2021

- Senior Secondary
- Major in Science Stream.

ACHIEVEMENTS / CERTIFICATIONS

Microsoft Azure AI Fundamentals

- Successfully earned the Microsoft Azure AI Fundamentals certification by passing the Microsoft Azure AI-900 exam, showcasing a robust understanding of essential Artificial Intelligence concepts and their practical applications.

Gold Medal Winner, IBM Solvathon

- Awarded First Place in the Solvathon Presentation at IBM ICE Day by IBM Innovation Center at GLA University.
- Recognized for perseverance and passion in pushing the boundaries of Machine Learning, showcasing dedication to innovation and excellence.