Baldeep Singh

Contact Number:+91-8853486179
Email:bsingh_be19@thapar.edu or baldeepsingh84101@gmail.com
GitHub: github.com/baldeep-singh
Linkedin: linkedin.com/in/baldeep-singh-75191a195

EDUCATION

Thapar Institute of Engineering and Technology,Patiala   **2019-2023**
B.E in Computer Science and engineering   CGPA -6.39
Coursework: Operating Systems, Data Structures and Algorithms,
Database mangement systems,Financial analysis, Financial accounting

Kendriya Vidyalaya   **2018**
CBSE, Class 12th   Percentage - 90.6 %

Kendriya Vidyalaya   **2016**
CBSE, Class 10th   CGPA : 9.6

SKILLS

Languages : C++,C, Javascript, Python, HTML, CSS, SQL
Frameworks : React.js, Node.js, Express.js, Spring boot(familiar).
Tools : Git, AWS,MS Visual Studio Code

PROJECTS

ProShop - Full stack e-commerce web app   GitHub Link
Skills: React.js, Express.js, Node.js, MongoDB
Developed a dynamic e-commerce site using the MERN stack.

Machine learning projects :

Breast cancer detection   GitHub Link
Developed a machine learning model to classify breast tumors as malignant or benign. Utilized FNA images and the UCI Breast Cancer Wisconsin dataset. Achieved accurate tumor classification for early detection.

Facial Recognition   GitHub Link
Developed a machine learning model to classify breast tumors as malignant or benign. Utilized FNA images and the UCI Breast Cancer Wisconsin dataset. Achieved accurate tumor classification for early detection.

Gender Classification with MLP   GitHub Link
Used an MLP neural network to classify gender (male or female) from voice features. Achieved high accuracy and robust performance post-training.

Visualizing Filters of a CNN   GitHub Link
Utilized TensorFlow and VGG16 model to visualize CNN filters across different layers. Applied gradient ascent to generate images that activate specific filters effectively. Demonstrated proficiency in machine learning and image analysis.

Object Recognition   GitHub Link
Key Skills : Python, Keras, Tensorflow, Pandas, Numpy, Scikit-learn. A convolutional nueral network model for object recognition. Used CIFAR-10 images datasets from keras datasets module, which contains 50,000 32x32 color training images and 10,000 test images,labeled over 10 categories.

ACHIEVEMENTS AND CERTIFICATIONS

- Academic Scholarship awarded for 97.8 percentile in JEE Mains at TIET, 2019-2020.
- Solved around 200+ coding problems on various coding platforms.
- Accounting Fundamentals, corporate finance institute.
- The Complete Financial Analyst Course 2022,Udemy.

ADITIONAL INFORMATION

- Languages: English,Hindi,Punjabi
- Interest and Hobbies: Web Development,Machine learning and Finance.