

SHIVAM SINGH

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EDUCATION

Bhagwan Parshuram Institute of Technology, Rohini (New Delhi) <i>Bachelor of Technology in Information Technology</i>	Sept 2021 – July 2025 CGPA: 8.51
Vandana International School, Dwarka (New Delhi) <i>Higher Secondary Education (CBSE)</i>	May 2018 – Apr 2020 Percentage: 84.4%

EXPERIENCE

Sales Operations Analyst Intern Offer Letter <i>Bosscoder Academy</i> <ul style="list-style-type: none">Managed lead distribution and tracking using LeadSquared CRM, boosting sales team productivity.Developed both live and static dashboards to analyze batch details, yearly sales trends, and lead quality sources, providing actionable insights.Streamlined data transformation processes using Power Query, M language, and Python libraries like Pandas to improve efficiency and reporting accuracy.Designed and implemented classification frameworks to organize leads by experience, education, and ambiguous data, utilizing Python and Pandas for advanced analysis and improved lead segmentation.	Nov 2024 – Mar 2025 <i>Noida, Uttar Pradesh</i>
AI Engineer (Computer Vision) Intern Certificate <i>Codepulse Robotics Private Limited</i> <ul style="list-style-type: none">Assisted in the design, development, and experimentation of computer vision models for tasks like object detection, segmentation, and lane detection.Worked on switching the backbone of YOLOv3 and YOLOv4 from Darknet to EfficientNet B3 for improved performance.Worked with datasets like COCO for model training, evaluation, and fine-tuning.	Oct 2024 – Nov 2024 <i>Bengaluru (Remote)</i>
Machine Learning Intern Certificate <i>SecureVision Tech</i> <ul style="list-style-type: none">Contributed to the FaceBuddy project, developing advanced face detection models adaptable to various camera systems.Designed and fine-tuned face detection models to enhance performance and reliability.Analyzed and preprocessed large datasets to optimize model training and accuracy.Collaborated on integration testing and conducted performance evaluations to meet project standards.	July 2024 – Aug 2024 <i>Chennai (Remote)</i>

PROJECTS

Tweet Recognition using TensorFlow <i>TensorFlow, NumPy, Pandas</i> GitHub <ul style="list-style-type: none">Trained and optimized deep learning models (LSTM, GRU, CNN) for emotion classification on Twitter-scraped data.Published a research paper comparing model performance using metrics like accuracy, precision, and F1-score.Preprocessed text data through tokenization, padding, and vectorization to ensure compatibility with deep learning models.Delivered a scalable sentiment analysis system capable of analyzing emotions in real-time social media data.	July 2024 – Oct 2024
Brain Tumor Detection using CNN <i>Keras, Python</i> GitHub <ul style="list-style-type: none">Developed a CNN-based model achieving 93% test accuracy for detecting brain tumors from MRI scans.Preprocessed and standardized MRI images to ensure uniformity and data consistency.Integrated Batch Normalization and MaxPooling layers to enhance model training stability and feature extraction.Conducted comprehensive testing on unseen data, delivering accurate real-time predictions.	Mar 2024 – Jun 2024

TECHNICAL SKILLS

Languages and Libraries: Python, SQL, Numpy, Pandas, Scikit-Learn, TensorFlow, PyTorch, Keras, OpenCV, NLTK, Beautiful Soup

Data Visualization and BI Tools: Power BI, Matplotlib, Seaborn, Plotly

Statistics and Data Analysis: Hypothesis Testing, Regression Analysis, Probability, Statistical Modeling

Development and Deployment: GitHub, DVC, Flask, Docker, Jupyter Notebook