

JAIDEEP BALDE

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Education

Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology , Mumbai	2021 – 2025
B.Tech in Electronics and Telecommunication Engineering	
Narayana E-Techno Junior College , Thane	2019 – 2021
12th Standard - HSC	
Army Public School , Pune	2019
10th Standard - CBSE	

Technical Skills

Languages: Python, C, C++, Java, JavaScript, HTML/CSS

Frameworks: TensorFlow, Streamlit, U-Net, Hugging Face, MERN, Pandas, NumPy, Scikit-learn, Flask, FastAPI

Tools: VS Code, Git, Jupyter, Google Colab, Tableau, MongoDB, Power BI, Docker, Kubernetes

Skills: Machine Learning, Deep Learning, NLP, Data Analysis, Data Visualization, Penetration Testing, Cybersecurity, API Integration, Model Optimization, Cloud Deployment (AWS/GCP)

Internships

SP Jain Institute of Management & Research	Jan 2025 – Present
<i>Research on Hackathons' Impact on Career Growth</i>	

- Conducted data-driven research using Python (Pandas) on hackathon participation's influence on career growth.
- Analyzed data from 200+ participants, revealing key trends in networking and skill development.

Projects

Stock Analysis App	2025
<i>Streamlit, MongoDB, Hugging Face</i>	

- Achieved 85% accuracy in trend predictions using Transformer-based NLP models.
- Applied data preprocessing and feature engineering for improved sentiment analysis.

Intelligent Chatbot for Customer Support	2024
<i>Python, TensorFlow, Hugging Face, Streamlit, MongoDB</i>	

- Developed AI chatbot with 90% intent recognition accuracy, automating 60% of queries.
- Integrated REST APIs for seamless CRM system automation and deployment via Streamlit.

Brain Tumor Detection (AIML)	2024
<i>Python, TensorFlow, U-Net Model</i>	

- Implemented U-Net model for MRI segmentation, increasing diagnostic accuracy by 92%.
- Optimized model with data augmentation and hyperparameter tuning, reducing training time by 40%.
- Deployed using Flask for real-time predictions, supporting clinical decision-making.

Sales Data Dashboard with Predictive Analytics	2023
<i>Python, Pandas, scikit-learn, Streamlit, Power BI</i>	

- Developed an interactive dashboard for sales data analysis using Streamlit, enabling real-time insights for business decision-making.
- Implemented predictive models using scikit-learn, achieving 85% accuracy in sales forecasting.
- Automated data cleaning and preprocessing with Pandas, reducing manual data handling time by 60%.
- Visualized key performance metrics using Power BI, enhancing data-driven decision-making.

Extracurricular Activities

- **Cybersecurity Enthusiast:** Ranked Top 3 in Barclays Hack'O Hire Hackathon, demonstrating ethical hacking skills.
- **Finance Enthusiast:** Passionate about reading finance-related news, global market trends, international trade deals, and geopolitical relations.
- **Open Source Contributor:** Improved data rendering efficiency by 20% in open-source projects.

Certifications

Barclays Cybershala: Fundamentals of Cybersecurity and Ethical Hacking	2024
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