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| <div>Bilal Rukundi</div> <div>AI & ML Student Machine Learning Intern</div> <div>Bilal Rukundi Pune, Maharashtra, India +91 8983365197 bilalrukundi1658@gmail.com LinkedIn: linkedin.com/in/bilal-rukundi GitHub: github.com/Wayn-Git Portfolio: bilal-portfolio-re.vercel.app</div> | |
| Summary | AI and Machine Learning student with hands-on experience in NLP, EDA, and ML model development. Skilled in Python, NumPy, Pandas, and scikit-learn with projects spanning fraud detection, image classification, and AI-powered chatbots. Achieved high accuracy and improved accessibility of datasets through innovative solutions. Passionate about applying machine learning to solve real-world problems and advancing toward a career in AI-driven software engineering. |
| Experience | <div><div>Bharatiya Antariksh Hackathon 2025</div><div>AI Chatbot Engineer</div><ul style="list-style-type: none">Developed an AI-powered chatbot using Botpress to simplify access to ISRO's geospatial satellite data through natural language queries (English & Hindi).Built a knowledge graph from static/dynamic web content, reducing data discovery time by ~70% compared to manual navigation.Enabled accessibility of complex satellite datasets for non-technical users including students, researchers, and government officials.</div> |
| | <div><div>DY Patil Machine Learning Hackathon</div><div>ML Developer</div><div>Pune</div><ul style="list-style-type: none">Performed Exploratory Data Analysis (EDA) on 50k+ dataset entries using Python, Pandas, NumPy, and Seaborn.Automated preprocessing tasks such as missing value handling, outlier detection, and data visualization using Pandas, Matplotlib, and Seaborn.</div> |
| | <div><div>MIT 24-Hour Hackathon (Upcoming)</div><ul style="list-style-type: none">Selected for participation in an intensive 24-hour hackathon focused on AI/ML solutions.Aiming to collaborate with peers, enhance rapid prototyping skills, and deliver impactful solutions under time constraints.</div> |
| Education | <div><div>Rajarambabu Institute of Technology</div><div>Artificial Intelligence and Machine Learning</div><div>(2024 – Present)</div><div>Diploma</div><ul style="list-style-type: none">GPA: 9.12 Percentage: 86.5%Relevant Coursework: Machine Learning, Data Science, DBMS, Statistics, NLP</div> |
| Projects | <div><div>Machine Learning From Scratch (In Progress)</div><div>https://github.com/Wayn-Git/MLFromScratch</div><ul style="list-style-type: none">Developing ML algorithms (Linear Regression, Logistic Regression, Decision Trees, KNN) from first principles using only Python, NumPy, and math libraries.Focused on gradient descent, loss functions, and optimization to strengthen theoretical and practical ML understanding.</div> |
| | <div><div>Cat vs Dog Image Classifier</div><div>https://github.com/Wayn-Git/CatvsDog</div><ul style="list-style-type: none">Built an image classifier using transfer learning with ResNet50, achieving 95%+ accuracy.Integrated model into a Streamlit UI for easy interaction, enabling non-technical users to classify images seamlessly.Prioritized accessibility, error handling, and clean UI design.</div> |
| | <div><div>FraudDetection</div><div>https://github.com/Wayn-Git/FraudDetection</div><ul style="list-style-type: none">Engineered a fraud detection system on financial transaction data with <1% fraud cases.Balanced classes using SMOTE and advanced feature engineering (temporal signals, transaction ratios).Implemented Random Forest classifier, improving fraud detection recall by 30% and evaluated using AUC-ROC, AUC-PR, and F1-score.</div> |
| Leadership & Activities | <div><div>AI & ML Club (IntellixAI)</div><div>Student Coordinator</div><div>https://intellixai-ten.vercel.app/</div><ul style="list-style-type: none">Led initiatives to support peers in AI/ML projects, guiding students through ideation, development, and deployment.Organized knowledge-sharing sessions, curated learning resources, and mentored members on tools such as Python, scikit-learn, and NLP frameworks.Built a collaborative learning community, helping 30+ students gain hands-on project experience.</div> |
| | <div><div>Magazine Club</div><div>Student Coordinator</div><ul style="list-style-type: none">Designed and reviewed creative content and layouts for the college magazine, ensuring quality and consistency in presentation.Collaborated with writers, editors, and designers to publish editions showcasing student achievements and campus events.Streamlined design workflow by introducing modern tools, improving efficiency and maintaining brand consistency.</div> |
| Skills | Python, Java, JavaScript, C, SQL, HTML, CSS; NumPy, Pandas, scikit-learn, TensorFlow, PyTorch, Matplotlib, Seaborn, ydata-profiling; React.js, Tailwind, Gradio, Streamlit, Botpress; Git/GitHub, VS Code, Google Colab, Jupyter Notebook, MySQL, Docker |
| Certifications | <div>Introduction to Artificial Intelligence – Coursera (2024)</div> |
| | <div>Machine Learning – Coursera (2025)</div> |
| | <div>Prompt Engineering Fundamentals – Simplilearn (2024)</div> |