AKHILESH BANDARI

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PROFESSIONAL SUMMARY

Motivated and technically skilled IT graduate with hands-on experience in full-stack development, machine learning, and data analytics. Proficient in Python, JavaScript, React, Django, MySQL, and Power BI. Strong understanding of AI tools, cloud fundamentals, DSA, and Generative AI workflows. Experienced in building real-world projects involving ML models, computer vision, and data processing. Seeking roles in Full Stack Development, AI Engineering, or Data-Driven Development.

WORK EXPERIENCE

- **Salesforce Developer Virtual Internship – AICTE x Salesforce**
  (May 2024 – July 2024) ---Remote
  Gained hands-on experience with Salesforce CRM, Lightning Experience, and AppExchange fundamentals. Learned Salesforce Lightning and AppBuilder essentials. Practiced Apex, SOQL/SOSL, and automation tools (Flows & Process Builder). Built custom objects, fields, and validation rules. Completed Trailhead modules and real-world tasks.

PROJECTS

- **Intelligent Security System using OpenCV**
  {Python, NumPy, OpenCV, Python scripting, SMTP, Matplotlib, Seaborn, Pandas, HOG}

  - Developed an AI-powered real-time intelligent security system using **OpenCV** for automated detection and monitoring.
  - Implemented **face detection, object tracking, and motion detection** using **HOG + SVM, and background subtraction algorithms.**
  - Integrated SMS/Email notifications using SMTP. Designed system architecture supporting real-time video capture.
  - Integrated **Machine Learning models** for recognition tasks achieving **96% detection accuracy** during evaluation.

- **StockSense – Stock Market Trend Prediction**
  {Python, Scikit-learn, Pandas, NumPy, Matplotlib, SVM, Machine Learning}

  - Contributed to a group project developing StockSense, a **stock market trend prediction** system using **SVM** for movement forecasting.
  - Utilized **Python, Scikit-learn, Pandas, and Matplotlib for data preprocessing, model training, and trend visualization.**
  - Delivered **actionable insights** and **automated notifications** to support informed trading decisions.
  - Achieved **89% prediction accuracy** by optimizing feature selection and refining market movement classification.

- **VictoryMatrix – Match Win Probability Model**
  {Logistic Regression, SVM, Pandas, NumPy, Matplotlib, Scikit-learn, Git/GitHub}

  - Contributed to building a match win probability model using **Logistic Regression and SVM**
  - Engineered features including **toss impact, venue advantage, player statistics, team form, and historical trends.**
  - Performed **data preprocessing, feature selection, and dataset balancing** to improve prediction stability
  - Achieved **89% accuracy** by optimizing hyperparameters and evaluating with precision, recall, and cross-validation.

EDUCATION

- **Mallareddy University, Hyderabad**
  Bachelor of Technology - Information Technology
  2021-25 **GPA: 7.53**

SKILLS

- **Programming Languages:** Python, JavaScript, SQL, Java (familiar)
- **Web Technologies:** HTML5, CSS3, React.js, Bootstrap, DOM Manipulations
- **Backend:** Django, Django REST Framework, FastAPI (familiar)
- **Databases:** MySQL, SQLite, PostgreSQL (familiar), Database Design & Normalization (DBMS Concepts)
- **Machine Learning:** Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, SVM, Logistic Regression, Data Preprocessing
- **AI Tools:** LangChain (familiar), HuggingFace Transformers (learning), OpenCV, Prompt Engineering (Certified), AI Automation Tools
- **NLP:** Text Preprocessing, Tokenization & Embeddings, Sentiment Analysis
- **Data Science & Analytics:** Power BI (Data Visualization & Reporting), Pandas, NumPy, Data Cleaning & Wrangling
- **Cloud & Deployment:** AWS (EC2, S3 basics), Netlify, Docker (learning), CI/CD (GitHub Actions), GCP (learning)
- **Tools & Development Environment:** VS Code, Jupyter Notebook, PyCharm
- **Version Control:** Git, GitHub, GitHub Copilot
- **Soft Skills:** Communication, Leadership, Problem-Solving, Time Management

CERTIFICATIONS Link

- AI Tools - **Be10x**
- Prompt Engineering - **Brolly Academy**
- Full Stack Web Developer - **Brolly Academy**
- Python Programming – **University of Michigan**
- Generative AI - **GeeksforGeeks**
- Java Programming – **IIT Kharagpur**
- Power BI for Data Analysis - **TECH tip24**
- Data Analytics Job Simulation – **Deloitte**

ADDITIONAL LINKS

- LinkedIn
- GitHub
- LeetCode