Jithendra Venkata Sai Bonam

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OBJECTIVE

Motivated data science professional with a strong foundation in machine learning, deep learning, and optimization. Experienced in statistical modeling, predictive analytics, and data visualization. Seeking an internship opportunity at Amazon to apply analytical techniques and solve real-world business problems by uncovering hidden patterns and driving actionable insights.

EDUCATION

Vishnu Institute of Technology   Bhimavaram, India
M.Tech in Computer Science and Engineering   2025 – 2026
CGPA: 8.4
B.Tech in Information Technology   2020 – 2024
CGPA: 8.38

SKILLS SUMMARY

Languages: Python, Java, SQL, R, MATLAB
Data Tools: Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, TensorFlow, PyTorch
Big Data: Apache Spark, Hadoop (basic)
Databases: MySQL, PostgreSQL, MS Access
Concepts: Machine Learning, Deep Learning, Data Modeling, Cross-Validation, Forecasting, Optimization
Other Tools: Git, Jupyter, VS Code, Excel, Trello, Firebase

WORK EXPERIENCE

Chief Operating Officer — Yubhian Technologies LLP   Jan 2025 – Present
Remote, India

- Led tech development and cross-functional teams in data-driven decision-making.
- Built dashboards to monitor KPIs and operational data trends.

Freelancer — Data Science Consultant   Sep 2023 – Present
Remote, India

- Delivered ML-based solutions including time-series forecasting and classification models.
- Built automated pipelines for model training, evaluation, and deployment.

Placement & Training Mentor — Vishnu Institute of Technology   Nov 2024 – Jun 2025
Hybrid, India

- Trained students in statistical analysis, business problem solving, and real-time data cases.

Subject Expert — Chegg Inc.   Jul 2023 – Dec 2024
Remote, India

- Solved advanced queries in statistics, ML, DBMS, and system design.

PROJECTS

Eye Disease Detection — Python, TensorFlow, CNN, GAN

- Built multi-architecture DL model for classification of ophthalmic conditions.

- Achieved 91% F1-score; automated data augmentation using GANs.

Titanic EDA & Survival Prediction — Python, Pandas, Matplotlib

- Explored survival predictors using visualizations, logistic regression, and feature selection.

WatchWise – Distance Monitoring — Arduino, Sensor Systems

- Developed embedded system with buzzer/LCD for real-time alerting in public spaces.

CERTIFICATIONS

- AWS Machine Learning Foundations
- Google Learn4Growth – Generative AI
- IBM Data Science Professional Certificate

ACHIEVEMENTS

- Led 13L ISRO-sponsored AI weather prediction research (2024).
- Published *Medizin* – AI Healthcare Platform in IJSENS.
- Co-authored ML Encryption Book Chapter (IGI Global).

ACADEMIC CONTRIBUTIONS

JRF – AI for Smart Systems (6 months)
Highlights:

- RNN Eye Motion Prediction (Published)
- IoVT Intrusion Detection (NIT Warangal)
- Forecasting Green Finance Outcomes (IIT Bhubaneswar)

INTERESTS

Forecasting Models, Probabilistic Graphical Models, Optimization, Kaggle Challenges, Research Writing, Vlogging