Maibam Rakesh Singh
Data Scientist & Machine Learning Engineer

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EDUCATION

- **Bharathidasan University, Tiruchirappall** — Tamil Nadu,India
  Master of Science - Statistics; GPA: 89.9 — *July 2024 - June 2026*
  Courses: *Calculus, Linear Algebra, Differential Equations, Real Analysis, Abstract Algebra, Geometry, Advance Statistical theory, Machine Learning, Big Data Analysis, Statistical Inference, Stochastic Processes and Time Series Analysis, Measure and Probability Theory, Econometrics.*

SKILLS SUMMARY

- **Languages**: Python, RStudio, C, C++, Java, SQL.
- **Frameworks**: Scikit-learn,TensorFlow, PyTorch, Keras, NLTK, spaCy, Pandas, NumPy, SciPy, Matplotlib, Seaborn.
- **Tools**: Kubernetes, Docker, GIT, PostgreSQL, MySQL, SQLite.
- **Platforms**: Linux, Web, Windows, AWS, IBM Cloud.
- **Soft Skills**: Leadership, Agile Management, Writing, Communication, Time Management.

EXPERIENCE

- **1. On- job- Training Project** — ICT, Mumbai - Hybrid
  Trainee (Full-time) — *May 2024 - Aug 2024*
  - **MiniGPT::** Building A Compact Conversational Tool With NLP And Machine Learning Techniques.
  - **Keywords::** Transformer Architecture, Self-Attention Mechanism, Bidirectional RNNs (Bi-RNNs), Multi-Head Attention, Generative Pre-trained Transformer (GPT), Tokenization, Perplexity, Word Embeddings Long Short-Term Memory (LSTM), Adaptive Optimization.

- **2. Mini Project** — ICT, Mumbai - Hybrid
  Trainee (Full-time) — *May 2024 - Aug 2024*
  - **Temperature Prediction Using Linear Models::** A Case Study of Rourkela's Meteorological Data.
  - **Keywords::** Support Vector Machine , Linear Kernel, Mean Squared Error, R2 Score (Coefficient of Determination),Exploratory Data Analysis, Correlation Heatmap, Multivariate Regression, Feature Engineering, Data Preprocessing, Regularization Techniques (L1/L2 Penalties).

PROJECTS

- **1. Internship Project** — Skillfied Mantor - Hybrid
  Trainee (Full-time) — *May 2025 - June 2025*
  - **Smart Health Analytics::** Machine Learning for Diabetes Detection and Glucose Prediction and Patient-Centric Management.

- **2. Industry Skills Development Project** — Deloitte & Forage - Online
  Trainee (Full-time) — *February 2025- March 2025*
  - **Data-Driven Decision Making::** Leveraging Deloitte's analytics program for data insights, forensic technology, Excel, and Tableau-driven decision-making.

- **3. Industry Skills Development Project** — PWC & Forage - Online
  Trainee (Full-time) — *February 2025- March 2025*
  - **Bridging Analytics and Communication:** : Leveraging Power BI to deliver data-driven insights for effective business decision-making.

- **4. Skill Elevation Project** — British Airways and Forage - Online
  Trainee (Full-time) — *April 2025- May 2025*
  - **Predicting Customer Booking Completion for British Airways::** A Data Science Approach to Improve Revenue Optimization.

VOLUNTEER EXPERIENCE

- **Volunteer, National Service Scheme** — Manipur, India
  Social Services,Public,Health,Sanitation and Personal Hygiene. — *March 2012- August 2013*

ONLINE COURSES

- **Certificate Courses** — IBM-Online
  Data Science & Machine Learning, Quantum Computing & Quantum Machine Learning. — *Dec 2024- March 2025*