

SATHISH RAJENDRAN P

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PROFESSIONAL SUMMARY

- IIT Bombay certified professional in data analysis, Power BI, and prompt engineering
- Expertise in machine learning, AI, and predictive modeling
- Skilled in Python, SQL, Power BI, and Tableau
- Strong foundation in statistics and mathematics
- Adept at leveraging data-driven approaches to solve complex problems
- Capable of delivering actionable insights to drive business decisions
- Passionate about driving innovation and improving business efficiency through data

SKILLS

- Programming Languages: Python, R, SQL, Java (basic)
- Data Analytics & Visualization: Power BI, Tableau, Excel (Advanced), Pandas, NumPy
- Machine Learning & AI: Scikit-learn, TensorFlow, Keras, PyTorch, NLP, Computer Vision
- Database Management: SQL Server, MySQL, PostgreSQL, MongoDB
- Big Data Tools: Hadoop, Spark (basic knowledge)
- Other Tools: Git, Jupyter Notebooks, Google Colab, ETL Frameworks
- Soft Skills: Problem-solving, Team collaboration, Effective communication

EDUCATION

- Bachelor of Technology (B.Tech) in Artificial Intelligence & Data Science
Ramco Institute of Technology, Rajapalayam, Tamil Nadu
GPA: 7.88 (Oct 2021 – May 2025)
- Higher Secondary School Certificate (HSC)
Vidya Mandir Matriculation Higher Secondary School, Alathiyur, Tamil Nadu
GPA: 92.9 (May 2021)
- Secondary School Certificate (SSC)
Vidya Mandir Matriculation Higher Secondary School, Alathiyur, Tamil Nadu
GPA: 92.6 (Mar 2019)

CERTIFICATIONS

- Data Analyst Course – IIT Bombay (Feb 2024)
- Power BI Course – IIT Bombay (June 2024)
- Prompt Engineering Certification – IIT Bombay (Nov 2024)

WORK EXPERIENCE

Data Analyst Intern (Jun 2023 – Jul 2023)

The Ramco Cements Limited, Ariyalur, Alathiyur

- Conducted recurring and ad hoc analysis to address business issues using SQL and other analytical tools.
- Collaborated with business users to understand data needs and provided insights through detailed analysis.
- Developed clear and concise visualizations in Power BI and Tableau to present complex data findings.

PROJECTS

Breast Cancer Prediction (Jan 2024 – Feb 2024)

- Implemented machine learning models (Logistic Regression, Random Forest, etc.) to predict breast cancer likelihood.
- Performed exploratory data analysis (EDA) and feature engineering for improved accuracy.
- Utilized Python and SQL for data preprocessing and querying datasets.

Liver Cirrhosis Prediction (Dec 2023)

- Developed predictive models using algorithms such as SVM, KNN, and Random Forest.
- Analyzed clinical datasets to identify significant predictors of liver cirrhosis.
- Applied Python for model building and SQL for data management.

Logistics and Transport System Analysis (Jun 2023 – Jul 2023)

- Analyzed logistics data, improving fleet utilization by 20%.
- Developed Power BI dashboards, reducing delivery times by 15%.
- Enhanced data accuracy, saving 10% in operational costs, and implemented predictive models to reduce fuel consumption by 12%.

LANGUAGES

- English: Fluent
- Tamil: Fluent