# Hari Aravindh

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📍 Chennai, India

## Education

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| 05/2022 – 06/2026<br>Chennai, India | **BTech CSE**<br>*SRM Institute Of Science & Technology*<br>eveloped a strong foundation in computer science, specializing in machine learning, data science, and database systems.Actively engaged in coursework and independent projects involving Python, SQL, data visualization, and cloud technologies. |

## Projects

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| 04/2025 | **Personal Health Risk Assessment System**<br>*Developing a machine learning-based system to evaluate individual health risks and provide personalized recommendations*<br>• Built a health risk assessment tool integrating machine learning models to deliver personalized healthcare recommendations.<br>• Engineered data pipelines for data collection, cleansing, and transformation from multiple sources (including APIs).<br>• Created interactive dashboards using Power BI for dynamic visualization of risk categories and health insights. |
| 02/2025 | **Maternal Health Risk Prediction Using Deep Neural Networks**<br>*Building an AI-driven model to predict maternal health risks based on vital clinical parameters, using deep learning techniques.*<br>• Developed a machine learning model to predict maternal health risks based on clinical parameters using statistical analysis and hypothesis testing.<br>• Conducted exploratory data analysis (EDA) to identify key factors influencing maternal risk and built predictive models with 85%+ accuracy.<br>• Automated data preprocessing workflows and optimized model performance through feature engineering and hyperparameter tuning. |

## Skills

**Programming Skils:**
Pyhton, C++, C

**Machine Learning**
Supervised Learning, Classification, Regression, Scikit-learn

**Databases:**
MySQL, PostgreSQL, Writing Queries, Stored Procedures

**Data Analysis & Visualization**
EDA, Hypothesis Testing, Power BI, Seaborn, Matplotlib

## Courses

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| 2024 | **AWS Machine Learning Foundationals** |
| 2024 | **K-Means Clustering by Goldsmiths** |

## Languages

• Tamil          • English