# Hariharan Elangovan

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| ProfessionalSummary Aspiring Data Scientist with hands-on experience in building and deploying end-to-end machine learning solutions across NLP, Computer Vision, and Predictive Analytics. Proficient in Python, SQL, TensorFlow, PyTorch, and Scikit-learn, with strong skills in data preprocessing, model evaluation, and real-time deployment using Flask and Streamlit. Skilled in data visualization with Power BI and Tableau, with proven ability to deliver AI-driven insights and scalable solutions Education |

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| Bachelor of Science in Information Technology 7.94/10 | 2024 |

Bharath College of Science and Management, Thanjavur

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| Higher secondary (+2), 509/600 | 2021 |

Kalyanasundhram Higher secondary school, Thanjavur

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| SSLC (10th), 397/500 | 2019 |

Kalyanasundhram Higher secondary school, Thanjavur

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| Professional experience |

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| 360DigiTMG, Chennai | November 2024-August 2025 |

### Data science intern

* Prepared structured sales and customer data reports using Excel and SQL.
* Created Power BI dashboards and PowerPoint presentations for clients.
* Tracked KPIs and improved reporting efficiency by 20%
* Assisted in deploying ML models with Flask for analytics automation.

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| VCODEZ, Chennai | March -June 2025 |

### Data science intern

* Developed computer vision models and reported insights through dashboards.
* Improved data accuracy with advanced preprocessing and reporting methods.
* Collaborated with teams to ensure reporting alignment with business needs.
* Contributed to deployment of AI solutions with 85% employee adoption.

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| Projects & extracurricular |

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| Sales Performance Dashboard (Excel, Power BI, SQL) | September2025 |

* Built an interactive dashboard to track sales KPIs (revenue, profit, regional performance) and customer segmentation.

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| MILITRANS: AI-Powered Multilingual Translation (Python, NLP, OCR, Transformers, MongoDB, Streamlit) | August 2025 |

* Built an AI translation engine for defence SOPs with OCR and NLP, delivering accurate regional translations and reducing training delays by 40%.

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| Mini Social Media App with Toxic Comment Classification (Python, Flask, MongoDB, Scikit-learn) | June 2025 |

* Developed a platform with real-time comment classification and reporting dashboards to analyze engagement and sentiment.

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| Workplace Activity Recognition System (Python, YOLOv5, TensorFlow, OpenCV, Streamlit) | February 2025 |

* Implemented computer vision models with YOLO and TensorFlow, integrated into Streamlit dashboards for monitoring and safety compliance.

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| Student Vice President, Department of IT | 2022-2024 |

* Represented student body and coordinated academic and cultural events.

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| NSS Coordinator | 2022-2024 |

* Organized and led community service programs, fostering student participation in social initiatives.

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| Skills |

Programming Languages: Python, SQL  
Databases: MySQL, PostgreSQL  
Data Science & ML Skills: Machine Learning, Deep Learning, NLP, Computer Vision, Predictive Analytics, Text Mining  
Data Processing & Engineering: Data Preprocessing, Feature Engineering, ETL Pipelines, Web Scraping, Text Extraction  
Frameworks & Libraries: TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn  
Data Visualization & BI Tools: Power BI, Tableau, Microsoft Excel  
Web & API Development: Flask, Streamlit, API Development  
Cloud & DevOps Tools: Docker, AWS EC2, Git ,GCP

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| Professional Training & Certifications |

Artificial Intelligence – Diploma Course – State University of New York (SUNY), Online

Professional Program in Data Science & AI – 360DigiTMG, Chennai (2024–2025)

Data Science & AI – 360DigiTMG

Python Programming – 360DigiTMG

SQL Basics – 360DigiTMG

Microsoft Power BI – 360DigiTMG

Python for Data Science – NPTEL

Advanced Microsoft Office(Excel, Word, PowerPoint) – Naanmudhalvan

English Typewriting (First Class, Distinction) – Govt. of Tamil Nadu

Diploma in Desktop Publishing – CSC