

KAVIN RAGAV

15/81, Opposite to Forest Office, Amaravathinagar, Udumalpet, Tiruppur 642102

☎ +918940399717 ✉ kavinragav.rl@outlook.com [in linkedin.com/in/kavin-ragav](https://www.linkedin.com/in/kavin-ragav) github.com/KavinRagav

Summary

Computer Science Engineer with a strong foundation in Data Science and a growing focus on Artificial Intelligence. Interned at Waggle, where I contributed to key data projects involving backend data workflows and automation. Proficient in Machine Learning and Deep Learning with research published in conference and applied in real-world solutions. Currently expanding expertise in scalable data systems and cloud-based tools for data pipelines.

Experience

Software Intern

May 2025 – July 2025

Waggle, Coimbatore (Onsite)

- Designed the “Competitor Watch” dashboard in Power BI to visualize brand presence and identify competitors appearing for specific search keywords, by transforming data from BigQuery.
- Created Selenium scripts to automate data collection for the Account Health dashboard, tracking feedback, VoC, performance, and deals data not available through APIs..
- Developed and debugged Python scripts with BeautifulSoup to send Slack alerts to teams when product variants on Amazon went out of stock.
- Explored BigQuery pipelines and transformed integrated data into presentable formats using Google Sheets and Looker Studio, improving reporting and accessibility.
- **Tech Stack:** Google BigQuery, Selenium, BeautifulSoup, Python, ETL Pipelines, Looker Studio, Power BI

Education

Bachelor of Technology in Computer Science and Engineering

June 2022 – July 2026

Amrita Vishwa Vidyapeetham

CGPA: 8.97

Technical Skills

Programming Languages: Python, SQL, R, C, C++, Java, Haskell, Scala

Data Visualization: Power BI, Looker Studio

AI/ML: Machine Learning, Deep Learning, Regression, Classification

Data Tools: Pandas, NumPy, Scikit-learn, TensorFlow, Selenium, Web Scraping, PySpark, ETL Processes

Automation: Python Scripting, Selenium, API Integration

Soft Skills: Leadership, Communication, Team Collaboration, Project Management

Projects

AI-Powered Route Optimization System [Github](#)

Feb 2025 – Apr 2025

- Built a real-time route optimizer using A* algorithm with traffic, weather, and AQI data.
- Implemented fuel-efficient rerouting using dynamic constraints.
- Tech Stack: Python, Flask, React, Google Maps API, Heuristic Search, Graph Algorithms

Stock Market Price Prediction [Github](#)

Aug 2024 – Sep 2024

- Compared ML models (KNN, RF, LR) and DL (LSTM) on historical stock data.
- LSTM achieved 91% accuracy in predicting stock close prices.
- Tech Stack: Python, TensorFlow, Scikit-learn, Pandas, NumPy, Data Preprocessing, Data Modeling, Data Cleaning, Data Prediction

Publications

K. R. R. L, Y. K, S. H. Cheerla, H. R. Dyava, P. R. Velmula and Srinivas, "A Comparative Analysis of Machine Learning And Deep Learning Models For Predicting Stock Market Close Prices," 2025 International Conference on Artificial Intelligence and Data Engineering (AIDE), Nitte, India, pp. 194–200.

Achievements & Certifications

- **SAP HackFest 2025 – Regional Winner:** Built a system for dynamic AI watermarking.
- **3x National Hackathon Finalist:** KodeKurukshetra, Innofusion, Kurukshetra.
- **NPTEL Certified:** Foundations of Data Science (Elite).
- Microsoft Azure AI Fundamentals - Datacamp

Extra Curricular Activities

- **Editor, YAT Amaravati (2024 – Present):** Created and edited content for campus newsletters.
- **NCC ‘B’ Certificate Holder (2015 – 2022):** Participated in Republic/Independence Day parades and weekly Swachh Bharat Shramdhaans.

Language Proficiency

English (Professional) Tamil (Native) Telugu (Conversational) Hindi (Elementary)