

KARTHIK RAVI

EXECUTIVE SUMMARY

Master's student in Computer Science with hands-on experience in data analysis, data visualization, and machine learning. Seeking an opportunity to leverage analytical skills, statistical knowledge, and software development expertise to drive data-driven decision-making and contribute to impactful, innovative projects.

CONTACT

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LinkedIn

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Portfolio

karthik0967.github.io/Karthik

SKILLS

- **Programming:** Python, R, SQL, C#
- **Data Analysis:** Pandas, NumPy, Excel
- **Machine Learning:** Scikit-learn, model evaluation
- **Databases:** Microsoft SQL Server, MySQL
- **Web Technologies:** HTML, CSS, JavaScript, React, Django, .NET MVC
- **Version Control:** Git, SVN

EDUCATION

Computer Science, Master's Programme

Linköping University

2024 - 2026

Linköping, Sweden.

PROJECTS

- **NBA Team Performance Predictor with Advanced Metrics (In Progress)**
Developing a predictive model using advanced basketball metrics to forecast team performance.
- **RebootHub – E-commerce Platform for Used IT Products**
Built a full-stack web app for buying and selling second-hand IT equipment, with features like user authentication, product listings, and chat.
- **Heart Disease Prediction using Machine Learning**
Implemented a classification model to predict the likelihood of heart disease using health metrics and ML algorithms.
- **Image Classification using Machine Learning**
Built a SVN based image classifier to categorize images into predefined classes with high accuracy.
- **Tourism: Full Stack Tourism Booking Website**
Designed and developed a full-stack web application for booking and managing tour packages.

WORK EXPERIENCE

Programmer Analyst

Cognizant Technology Solutions, Coimbatore, India.

10/2022 – 06/2024

- Contributed to multiple projects, handling both frontend and backend development across various domains.
- Configured and maintained RESTful APIs using the .NET framework, primarily for transportation and logistics solutions.
- Developed scalable backend systems to efficiently process and manage large datasets.
- Used SQL Server to extract and analyze large datasets, supporting data-driven decision-making and reporting across logistics operations.

Intern

Cognizant Technology Solutions, Coimbatore, India.

01/2022 - 07/2022

- Led development of a Blood Bank Management System using .NET MVC.
- Improved system usability and performance; practiced Agile methodology and team leadership.

Full Stack Web Development Intern

Conevo Technologies Private Limited, Chennai, India.

06/2021 - 11/2021

- Developed a full-semester PHP-based Tour Booking platform as a capstone project.
- Gained practical exposure to frontend/backend integration and system deployment.