

Karthick S

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Career summary

Motivated and technically proficient postgraduate in Computer Science with a strong foundation in web development and modern software technologies. Passionate about teaching and mentoring students, with a keen interest in academic growth and knowledge dissemination. Adept in practical implementation of core computing concepts and eager to contribute to the academic community through innovative teaching methods and continuous learning.

Academic qualification

Degree	Institution	University/Board	Marks	Year
M.Sc. in Computer Science	Bharathiar University	Bharathiar University	75% (Overall, Till 3 Sem)	2025
B.Sc. in Computer Science	Annai Vailankanni arts and science college	Bharathidasan University	78% (Overall)	2023

Field of interest

- Web Technology
- Digital forensics
- Privacy and Security in Online social media
- Data Analytics and machine learning
- Big Data Fundamentals
- Threat Intelligence and Emerging Cyber Threats

Technical skill	Tools and platform	Soft skill	Languages
Machine Learning	Scikit-learn, TensorFlow	Leadership skills	Python
Data analysis	Tableau, Power BI, Apache Airflow	Clear communication	JavaScript / TypeScript
Digital Forensics	Autopsy,Sleuth Kit	Time management	SQL
Cyber Security	Burp suite, Metasploit		Shell Scripting

List of Paper presented in Conference

- Participated and presented a paper titled “**COMPARATIVE ANALYSIS OF MACHINE LEARNING ALGORITHMS FOR E-COMMERCE SALE DATA FORECASTING**” at the International Conference on Advanced Computing (ICAC-2024), Coimbatore, in September 2024.

List of Publication

Title Of Journal	Name of the Author	Name of the Journal	Year of Publication
Leveraging a Random Forest Web Application for Improved E-Commerce Sales Forecasting	Karthick S	International Journal for Science and Advance Research in Technology ISSN [Online]: 2395-1052	2025

Projects

1. IFSC Code Finder

Technologies: PHP, XAMPP, SQL

Developed a web application to retrieve and display bank IFSC codes. Utilized PHP for backend processing and SQL for efficient data storage and retrieval.

2. E-commerce Dataset Analyzing Predictor

Technologies: HTML, CSS, JS, Flask

Developed a web-based application that analyzes sales data to forecast trends. Leveraged Flask for backend logic and created an interactive frontend using HTML, CSS, and JavaScript.

3. Comparative Analysis of ML Algorithms for E-Commerce Sales

Technologies: Python

Conducted a detailed analysis of various machine learning algorithms to forecast e-commerce sales. Evaluated and compared model performance metrics to identify the most effective approach for accurate predictions.

Professional accomplishments

1. Vice President, Entrepreneur Development Cell

Annai Vailakanni Arts and Science College

2. Secretary, Computer Science Association

Bharathiar University

3. Rajya puraskar, The Bharat scouts & Guides

Tamil Nadu

Internship

- Kavi Computers, Pattukottai, Web Development Intern (08/2023) - (09/2023)
 - E-SOFT, Trichy, Database Management System Intern (04/2022) - (05/2022)
 - Increatech Business Solution Pvt Ltd, Web Developer Intern (12/2024)-(04/2025)
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Certifications & Courses Attended

- Certificate in Office Automation in IECD
 - Certificate in Programming Techniques in IECD
 - Python Training in Besant Technologies
 - The Complete Web Development Course in Udemy
 - Privacy And Security in Online Social Media in NPTEL
 - Full Stack Development in Novitech R&D Private Limited
 - Certificate in Computer Hardware & Networking in IECD
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Workshop and Seminars Attended

- Completed an intensive “7-days skill development program” by Infosys.
 - Participated in “2-Days E-Leader Workshop” by Innovation & Entrepreneurship Development Programme from 27th October 2022 to 28th October 2022
 - Attended Workshop on “5-Day Full stack Project Workshop” organized by Coursevita from 7th October 2024 to 11th October 2024.
 - Participated in one day “Html, CSS, Javascript, Reactjs” conducted by the TWD on 12th Nov 2022
 - Attended Workshop on “Structure your survey paper” organized by the Internal Quality Assurance Cell (IQAC) and the PG & Research Department of Computer Science on 5th June 2021.
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Declaration

I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge.
