

Karthik R

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Aspiring Data Scientist

With expertise in machine learning, Software Development and AI-driven solutions. Targeting roles focused on leveraging technical skills to develop innovative models and algorithms in dynamic environments.

Education

BE, Computer Science (8.37 CGPA) • ATRIA INSTITUTE OF TECHNOLOGY (2021-2025)

Pre University (86.16%) • MES Vidyasagar Prof. MPL Sastry PU College (2019-2021)

TENTH (89.6 %) • Sadashivanagar High School Bangalore

Technical Skills

- Programming Languages: Python, Java
 - Frameworks: Django
 - Machine Learning Libraries: Scikit-learn, NumPy, Pandas, Matplotlib, Seaborn
 - Databases: MySQL
 - Web Technologies: HTML, CSS
 - Tools: Data Analysis, Data Visualization, Data Preprocessing
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Projects

1. Purchase Prediction Model for Insurance Customers

Overview: Developed a machine learning model to predict customer insurance purchases using demographic and behavioral data.

Responsibilities: Conducted data preprocessing, built and optimized a Random Forest Classifier, and presented findings through visualizations.

Technologies & Tools: Python, Pandas, Scikit-learn, Random Forest Classifier, Matplotlib, Seaborn [Github](#)

2. OnlyX Gym Management System

Overview: Created a web-based application for managing gym operations, including member management and billing.

Responsibilities: crafted the application using HTML, CSS, contributed to MySQL database management, and assisted with PHP integration.

Technologies & Tools: HTML, CSS, MySQL, PHP

[ONLYX-GYM-MANAGEMENT-SYSTEM](#)

3. Tiny Paws

Overview: Engineered a pet care e-commerce platform with comprehensive service pages.

Responsibilities: Designed and implemented service pages using HTML, CSS, and JavaScript, and integrated Django services for backend functionality.

Technologies & Tools: Django, HTML, CSS, JavaScript

[Tiny Paws](#)

SOFTSKILLS

Intrapersonal | Problem Solving | Critical Thinking | Leadership | Collaboration | Communication

ACHIEVEMENTS & CURRICULAR ACTIVITIES

- **First Place in Beyonders Hackathon:**
 - Secured first place in the Beyonders Hackathon organized by Atria University in collaboration with Microsoft Learn, demonstrating exceptional problem-solving and technical skills. **Certificate:** [View Certificate](#)
 - **Participant in Cicada Hackathon:**
 - Actively participated in the Cicada Hackathon organized by Atria Institute, collaborating with peers to develop innovative solutions.
 - **Core Member of Code Club:**
 - Contributed significantly as a core member by organizing and participating in various coding and development activities.
 - **Workshop Conductor on Data Science:**
 - Led informative workshops on data science fundamentals and guided participants through hands-on projects, enhancing their understanding and skills.
 - **Volunteer at Srishti Innovation Exchange 2024:**
 - Volunteered for an event promoting interdisciplinary collaboration among engineering students through various competitions across different engineering fields.
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IMPORTANT LINKS

1. Portfolio– karthikr-portfolio.netlify.app/
 2. LinkedIn (@karthik-r)- [linkedin.com/in/karthik-r-171927213/](https://www.linkedin.com/in/karthik-r-171927213/)
 3. GitHub (@itsme-rk)- github.com/itsme-rk
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