

KARTHICK M

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📍 Tirunelveli, Tamil Nadu, India

SUMMARY

- Motivated and self-driven Python Developer with a solid academic background in commerce and a strong passion for technology.
 - Proficient in core Python programming, with hands-on experience in building web applications using Django and working with databases like MySQL.
 - Adept at front-end development using HTML, CSS, JavaScript, and React.js.
 - Committed to writing clean, efficient code and eager to contribute to impactful projects in a collaborative environment.
 - Fast learner with a growth mindset and strong dedication to continuous improvement.
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EDUCATION

Master of Commerce (M.Com)

Manonmaniam Sundaranar University, Tirunelveli

2021 – 2023

Bachelor of Commerce (B.Com)

Manonmaniam Sundaranar University, Tirunelveli

2017 – 2020

ACADEMIC PROJECTS

HEART DISEASE PREDICTION WEBSITE

- Engineered a full-stack machine learning web application to predict heart disease risk using the Logistic Regression algorithm, enhancing early diagnosis capabilities.
 - Utilized HTML5, CSS3, JavaScript for front-end development and Django with MySQL for back-end integration and data storage.
 - Integrated a trained ML model into Django views, enabling real-time health predictions based on user input.
 - Implemented form validation, data preprocessing, and secure data handling to ensure accurate and reliable predictions.
 - Optimized user experience with a responsive UI and tested compatibility across multiple devices and modern browsers.
 - The project demonstrates practical knowledge of machine learning deployment, API development, and full-stack web application architecture.
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TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript, HTML, CSS, Bootstrap
- **Web Development:** Django, Flask (basic), RESTful API development, React.js
- **Version Control & Tools:** Git, GitHub, VS Code, Postman
- **Others:** Object-Oriented Programming (OOP)