

KARTHICK P

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Career Objective

I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

Education

Bachelor of Computer Science and Engineering, Kongu Engineering College 2021 – 2025

- CGPA: 8.02/10

Sree Kumaran Matric Higher Secondary School 2021

- Percentage: 95%

Jairupaa Matriculation School 2019

- Percentage: 91.8%

Projects

QR Code Generator using React Jun 2024

- Created a QR code generator application using React, allowing users to convert text or URLs into QR codes.
- Implemented real-time input validation and optimized rendering performance using React Hooks.

E-Commerce Website for Textiles May 2024

- Built a full-stack eCommerce platform using the MERN stack (MongoDB, Express.js, React, Node.js) with a responsive UI.
- Developed backend APIs for user authentication, product management, and order processing.
- Ensured scalability and efficient database management for seamless textile product sales.

Scientific Calculator Apr 2023

- Designed and developed a feature-rich scientific calculator using HTML, CSS, and JavaScript.
- Implemented advanced mathematical operations such as trigonometric, logarithmic, and exponential functions.
- Enhanced user experience with a responsive interface and smooth interaction handling.

Fake News Detection Using Machine Learning Nov 2024 – Mar 2025

- Developed a model to classify news as real or fake using machine learning algorithms such as Logistic Regression, SVM, and Naive Bayes.
- Preprocessed text data using TF-IDF for feature extraction and trained models on labeled datasets.

Skills

Programming Languages: C, Java, Python

Web Development: HTML, CSS, Javascript, React

Database: MySQL

Tools: Git, Github

Others: Datastructures, Algorithms

Paper Presentation

Paper Presentation: "5G TECHNOLOGY" at Hindusthan College of Engineering and Technology May 2022

Inplant Training

Inplant Training on Linux System Administration, Redcode Embedded

Jan 2023

- Gained hands-on experience in Linux system configuration, user management, and shell scripting.
- Learned about process control, file permissions, and network service management.
- Worked with embedded Linux environments for real-time applications.

Languages Known

- Tamil
- English

Areas of Interest

- Data Structures and Algorithms (DSA)
- Web Development
- UI/UX Design