

DHARANIDHARAN P

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OBJECTIVE

Motivated Full-Stack Developer with strong React front-end expertise and experience in building scalable, responsive web applications. Skilled in integrating SQL and NoSQL databases, writing clean Java code, and designing user centric interfaces. Adept at solving complex problems and collaborating in agile environments. Seeking a full-stack development role to leverage technical skills and contribute to impactful software solutions.

SKILLS

Frontend Development : HTML, CSS, JS, React.js

Databases : SQL, MySQL, MongoDB

Programming Languages : Java, Python

Backend Development: Node.js, Express.js

Tools : VS Code, Git, PyCharm

Concepts : OOPS, RESTful API

EDUCATION

B.E. Computer Science and Engineering | Saranathan College of Engineering, Trichy, Tamil Nadu
2021-2025 | **CGPA** : 7.80

HSC - Class 12th | Vignesh Sri Renga Matriculation Higher Secondary School, Trichy, Tamil Nadu
2021 | **Percentage** : 85.31

SSLC - Class 10th | Vignesh Sri Renga Matriculation Higher Secondary School, Trichy, Tamil Nadu
2019 | **Percentage** : 84.2

PROJECTS

E-commerce Website – Developed a full-stack e-commerce platform with product browsing, cart management, user authentication, and an admin dashboard. Implemented the MERN stack with JWT authentication for secure access, integrated Stripe API for payments, and optimized MongoDB queries for faster product searches.

Traffic Sign Classifier – Built and trained a CNN-based model using the German Traffic Signs dataset to classify signs with high accuracy. Applied TensorFlow/Keras for deep learning, used OpenCV for image preprocessing, and optimized hyperparameters for improved performance.

Driver Fatigue Detection and Alert System – Designed a real-time monitoring system to detect driver fatigue and distraction using YOLOv11 for facial and eye tracking. Achieved ~90% accuracy with optimized model performance and integrated automated alert mechanisms for driver safety.

CERTIFICATIONS

The Web Developer Bootcamp 2025 [Udemy | MAY 2025]

Data Structures and Algorithms [Inlustro Learning Private Limited | NOV 2022]

LANGUAGES KNOWN

Tamil [Native], English [Fluent]