DHARUN KUMAR S

Aspiring Software Developer — MERN Full Stack Developer — IoT Enthusiast

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Technical Summary

Beginner-level MERN Full Stack Developer with hands-on experience in building basic web applications using MongoDB, Express.js, React, and Node.js. Skilled in REST API development, database handling, and creating responsive user interfaces. Eager to apply and grow technical skills through real-world projects.

Career Objective

To obtain a web development internship where I can apply my skills in HTML, CSS, JavaScript, React.js, Python, and databases, while contributing to real-world projects and improving my full-stack development expertise.

Projects

Vehicle Service Management System

- Developed a full-stack web application for managing vehicle service records.
- Designed database schema and REST APIs for tracking and billing.
- Used Git version control to manage updates efficiently.

Water pH Measurement System (TDS Sensor, ESP8266)

- Built a real-time water quality monitoring system using sensors.
- Provided alerts when pH exceeded safe thresholds.
- Ensured accurate data collection and display.

Internships & Training

TNPL — Industrial Internship

- Gained knowledge of pulp preparation and quality testing.
- Observed automation and industrial control systems.

Popular Systems — Technical Intern (June 2022 – July 2022)

- Learned wiring techniques for medical, solar, and windmill systems.
- Understood automation and hardware interfacing.

Software Developer Intern — Platform 3 Solutions (Jan 2025 – Feb 2025)

- Assisted in the development and debugging of web applications using Java and JavaScript.
- Collaborated with team members to resolve coding issues and improved application performance.
- Gained hands-on experience in the software development lifecycle and best practices.

Education

B.E Electronics and Communication Engineering
M.Kumarasamy College of Engineering, Karur (Expected 2027)
CGPA: 7.7/10
Higher Secondary — Velammal Vidyalaya, Karur (2022)
Percentage: 65%

Skills

Programming Languages: Java, C, JavaScript

Web Technologies: HTML, CSS, React.js, Node.js, Express.js, RESTful APIs

Databases: MongoDB, SQL, MySQL

Frameworks & Tools: MERN Stack, Flutter (Beginner), Git, Postman

Embedded & IoT: Arduino, IoT Systems

Soft Skills: Analytical Problem Solving, Team Collaboration, Effective Communication, Professional Work Ethics, Attention to Detail, Adaptability, Time and Task Management

Certifications

NPTEL - The Joy of Computing using Python(2025)
NPTEL – Cloud Computing (2025)
HackerRank – Java Programming (2025)
NPTEL – Industrial IoT 4.0 (2024)
GUVI – Python Programming (2023)

Languages

English, Tamil