PERUMAL S

📞 (+91) 9384516247 • ✉ perumalhacks@gmail.com • 💼 linkedin.com/perumal • ⌗ github.com/perumal
</> leetcode.com/perumal • 🌐 perumal-portfolio

Executive Summary

Final-year Computer Science Engineering student with working knowledge of the MERN stack, strong understanding of Database Management Systems (DBMS), Data Structures, and problem-solving skills Seeking opportunities as a Software Developer to learn, grow, and contribute to innovative and impactful technology solutions. .

Education

K S Rangasamy College of Technology - Tiruchengode, Tamil Nadu   **2022 − 2026**
Bachelor of Engineering in Computer Science and Engineering   *CGPA: 8.40*

Experience

Temple Management System (Web-based)   **Jan 2024 – Feb 2024 (6 weeks)**
Full-Stack Developer (Project-based)

* Developed a simple web app to manage temple records and schedules using frontend tools.
* Designed modular backend logic inspired by ERP system architecture.

Projects

ShopIt – Full Stack E-commerce Platform (MERN) [Live] [GitHub]   **2024**
* Developed a full-stack **E-commerce platform** using MERN stack, featuring secure authentication and role-based access.
* Implemented **Redux Toolkit** for global state management with advanced filters, search, and pagination.
* Integrated **Stripe** for payment processing and **Cloudinary** for product image uploads.
* Built a robust **Admin Dashboard** to manage products, orders, reviews, users, and integrated **Sales Charts**.
* Deployed production-ready backend APIs with Node.js and Express.
* **Tech Stack:** React.js, Redux Toolkit, Node.js, Express.js, MongoDB, Stripe, Cloudinary

Chatify – Real-time Chat Application [Live] [GitHub]   **2025**
* Built a **real-time messaging platform** with Socket.io, including notifications, typing indicators, and presence tracking.
* Implemented **Custom JWT Authentication** and API rate-limiting with Arcjet for enhanced security.
* Integrated **Cloudinary** for image uploads and Resend for automated welcome emails.
* Designed a responsive UI with **React, Tailwind CSS, DaisyUI** and managed state using **Zustand**.
* Successfully deployed the project on free-tier friendly hosting using GitHub.
* **Tech Stack:** React.js, Tailwind CSS, DaisyUI, Node.js, Express.js, MongoDB, Socket.io, Zustand, Arcjet, Cloudinary

Skills

Languages: Java , C , JavaScript, Python

Web Development: MERN Stack (MongoDB, Express.js, React, Node.js), Next.js, HTML5, CSS3

Frameworks/Tools: Bootstrap, Tailwind CSS, Express.js, jQuery, Mongoose, Git, GitHub, Vercel,sevalla

Database: MySQL, MongoDB

CS Fundamentals: Data Structures and Algorithms, Object-Oriented Programming (OOPS), Operating Systems, Computer Networks, Database Management System, REST APIs

Activities & Achievements

* Solved over 350 DSA problems across platforms like LeetCode, HackerRank, GeeksforGeeks, and CodeChef
* Achieved a **LeetCode Contest Rating of 1500+**, demonstrating strong problem-solving skills.
* Runner-Up, TechTrek Hackathon 2024 – Built and deployed a full-stack web app in a 12-hour hackathon.
* Smart India Hackathon 2025 – Developed a dynamic platform for students to propose creative solutions to real-world problems.
* Maintained consistent GitHub activity with **300+ contributions** in the past year.