Dhinakaran T

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EXECUTIVE SUMMARY

A **3rd-year BE Computer Science student** with hands-on experience in **HTML, CSS, JavaScript**, and frameworks like **react.js+Node.js+express.js**. Skilled in **Fullstack development**, database management (**MongoDB**, **SQL**), and building **RESTful APIs**. Eager to apply technical knowledge and grow as a FullStack developer while contributing to dynamic projects in a team environment.

EDUCATION

K.S.Rangasamy College of Technology, B.E in Computer Science and Engineering   2022-2026
- CGPA: 8.05/10
- Activities: Attended a national-level symposium at Karpagam College of Technology and presented a PPT on "Blockchain in Web3 Technology."

PROJECTS

Contact Manager Application

github.com/dhinakaranst/Contact-Manager-Application

Developed a backend application using Node.js and the Express framework to manage contacts stored in a MongoDB database. Implemented CRUD operations to create, update, delete, and retrieve contact details from the database. Tools Used: VS Code, MongoDB, ThunderClient for API testing.

Portfolio Project

github.com/dhinakaranst/portfolio-project

Designed and developed a personal portfolio website to showcase projects, skills, and achievements using HTML, CSS, and JavaScript. Tools Used: VS Code.

Drainage Monitoring System

github.com/dhinakaranst/drainage-monitoring-system

Developed a drainage monitoring system using the ESP32 microcontroller, an ultrasonic sensor for level detection, and a MA2 sensor for gas detection. The system allows real-time monitoring through a mobile app for efficient drainage management. Tools Used: Arduino IDE, ESP32.

CERTIFICATIONS

NPTEL - Joy of Computing Using Python: Completed an online certification course on Python programming, covering foundational concepts and problem-solving techniques.

Infosys Springboard - Node.js + Express Certification: Gained practical knowledge and hands-on experience in building web applications using Node.js and Express.

MongoDB Atlas - Database Connectivity Certification: Acquired skills in connecting and managing databases using MongoDB Atlas for scalable web applications.

TECHINICAL SKILLS

Languages: Java, Python,SQL,JavaScript

Development Tools: VS code,idle,

Networking: Basic understanding of networking concepts and protocols

DBMS: Knowledge of DBMS concepts and hands-on experience with SQL databases.

Familiar With: Version control system in Git and Git hub