DINESH KANTH R

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OBJECTIVE

Thrives on curiosity and the excitement of discovering something new. Finds inspiration in everyday moments and turns challenges into opportunities. Values creativity, adaptability, and the power of a positive mindset. Believes that growth comes from stepping outside of comfort zones. Always seeking new perspectives to make life more meaningful.

EDUCATION

B.E. Computer Science and Engineering | 2026   **CGPA:** 8.56

KPR Institute of Engineering and Technology, Coimbatore

HSC | 2022   **Aggregate:** 95.2%

Kongu Vellalar Matric Higher Secondary School, Coimbatore

SSLC | 2020   **Aggregate:** 97.4%

Kongu Vellalar Matric Higher Secondary School, Coimbatore

SKILLS

- **Frontend**   :   HTML, CSS, React Js, Bootstrap, Tailwind CSS
- **Backend**   :   Django, Node.js, Express.js
- **Database**   :   MongoDB, MySQL, PostgreSQL
- **Programming**   :   Java, JavaScript, Python
- **Dev Tools**   :   MS Office, Figma, Power BI, Postman, Git, GitHub

INTERNSHIP

KG IT Services | *Full Stack Developer*   *Jan 2024 - Jun 2024*

- Solved nearly **75 coding problems** in **Python**.
- Developed a **Learning Management System (LMS)**.
- Utilized **React** for the frontend, **Django** for the backend, and **SQLite** as the database, ensuring seamless functionality and responsiveness with Bootstrap.
- Implemented **JWT-based authentication** to enhance security and manage user sessions effectively.

HONORS & ACHIEVEMENTS

- Presented a paper titled "**Effortless Shopping: Unlocking Easy Access at Ration Shop**" at **GECOST**.
- Awarded a **Shield and Cash Prize** for being in the **Top 5 Percentile** in **NPTEL-The Joy of Computing Using Python.**
- Received a **Cash Prize** for General Aptitude from **Unacademy** for exceptional performance.
- Successfully **Organized a Tech Event at KPRIET**, showcasing leadership and event management skills.
- Recognized as Best **GitHub Contributor** for outstanding contributions.
- Secured **1st Place in Debugging Contest** held at **KPRCAS**.

DSA | SQL | PROBLEM SOLVING

- **HackerRank** : Gold badge in Python, Gold badge in Problem Solving (Java), Silver badge in SQL.
- **LeetCode**   : Solved 200+ problems.
- **InterviewBit** : Solved 50+ problems.

PROJECTS

LEARNING MANAGEMENT SYSTEM |LINK

- Developed a full-stack Learning Management System to manage users, courses.The project incorporates a React frontend for dynamic user interaction, Django for backend operations, SQLite for database management.

- JWT for secure authentication and Bootstrap was used to ensure responsive and consistent styling.

  Tools : *React Js, Django, SQLite, JWT, Bootstrap*

MILK MANAGEMENT SYSTEM |LINK

- Built a Milk Management System as a web application to track transactions between milk sellers and buyers.

- PostgreSQL was used for efficient and reliable data storage. It also includes a transaction feature for managing payments and pending statuses.

  Tools : *Django, PostgreSQL*

DK PHARMACEUTICALS MANAGEMENT SYSTEM |LINK

- Developed a responsive web-based inventory management system to streamline pharmaceutical stock handling.

- Implemented secure login, CRUD operations, advanced filtering, and a color-coded indication system to manage medicines and suppliers efficiently.

  Tools : *React, Tailwind CSS, Node.js, Express.js, and MongoDB*

PYTHON CLI APPLICATIONS |LINK

- Implemented 10 key numerical methods in a CLI application for solving mathematical problems efficiently.

- Developed a CLI-based solution for a machine learning task using brute force methodology. Implemented CPU scheduling algorithms as a python CLI tool for understanding their performance.

  Tool : *Python*

POWERBI DASHBOARDS |LINK

- Created 5 dashboards - Customer Churn Analysis, Food Nutrition Analysis, Health Analysis, Hospital Performance Analysis and Workforce Analysis.

- Used Excel for basic data cleaning, PostgreSQL for SQL queries, and Power BI for further data transformation and visualizations.

  Tools : *Power BI, MS Excel, PostgreSQL*

BADGES & CERTIFICATIONS

- **NPTEL** : The Joy of Computing Using Python (GOLD).
- **NPTEL** : Problem Solving through Programming in C (ELITE).
- **Udemy** :   HTML, CSS, Python.
- Google Developer Badge for JavaScript.

DECLARATION

"I hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge."

-   *Dinesh Kanth R*