Karan S D

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EDUCATION

CAMBRIDGE INSTITUTE OF TECHNOLOGY – Bangalore   Dec 2022 - June 2026
Bachelors of Technology in Computer Science and Engineering   **CGPA: 8.6**/10

Lake Montfort School– Bangalore   2021 - 2022
Senior Secondary (Class XII)   **Percentage: 90.5**

PROJECTS

DBMS project (4th semester): "Library Management"

- Developed a Library Management System using **Python** and **MySQL**, streamlining book management, loans, and fee collection.
- Designed and optimized a relational database, ensuring efficient data retrieval, integrity, and secure user authentication.
- Integrated back-end systems for book acquisitions, event planning, and transaction management, improving operational efficiency.

App Full-stack development (5th semester): "Online Transport Application"

- Developed a Full-Stack Online Transport Application using **React Native**, **Tailwind CSS**, and **Google APIs**, enabling seamless ride booking and real-time tracking.
- Integrated key features such as driver matching, in-app communication, cashless payments, and ratings / reviews, improving the user experience.
- Implemented **Google APIs** (Distance Matrix, Maps, Navigation) for route optimization, accurate fare estimation, and efficient ride management.

Portfolio Personal Web Project

- Personal portfolio website showcasing skills, projects, and achievements using **HTML**, **CSS**, **JavaScript XML** and **JavaScript**.
- Designed and developed a visually appealing website deployed on GitHub Pages.
- Managed project files using version control for collaboration and tracking changes.

TECHNICAL SKILLS

- **Programming Languages:** C, Java, Python, SQL, HTML, CSS.

RELEVANT COURSEWORK

Data Structures, Algorithm, Database Management System, Object Oriented Programming, MySQL, UI Design

KEY SKILLS AND CHARACTERISTICS

- Adaptability
- Problem Solving
- Time management
- Honest and Postive

ACTIVITIES AND INTERESTS

- Video editing and Photo editing
- Web development and App development
- Skills development
- Online Gaming

CERTIFICATIONS

- **Python** Foundation Certification (Infosys)
- **Java** Foundation Certification (Infosys)
- **Programming in Java** (NPTL)