

# Kabilan A

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## Summary

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I intend to build a successful career with a leading corporation that provides opportunities to fully explore and expand my knowledge. I am eager to continuously update my skills with the latest trends in the industry. I aspire to be an integral part of a dynamic team that collaborates toward innovation and the growth of the organization.

## Projects

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### Construction Management System using Web Development

- Developed a platform using **HTML, CSS and JavaScript for a responsive and interactive frontend**. Implemented **PHP for backend logic** and **MySQL for database management to handle user data and project information**.
- The system facilitates easy interaction between clients and construction professionals, the use of these technologies ensures a scalable and efficient construction management solution.
- The construction process for individuals planning to build or renovate. It provides a **user-friendly interface to connect clients with contractors and certified civil engineers**.
- Users can easily request and compare quotes, manage project timelines and budgets and review professional profiles and documentation.

### Library Management System Using Full Stack Java Application

- Developed a full-stack application for Managing Library operations using **React for the frontend** and **Spring Boot for the backend**. Implemented **JWT-based authentication for secure access**, and integrated MySQL for database management.
- Built responsive UI components with Material-UI and ensured smooth **CRUD operations through RESTful APIs**.
- The Library Management System allows **users to register, log in and manage books securely**. Users can browse the library's catalog, add, update, or delete books, and issue books to other users.
- **Authentication is handled using JWT**, ensuring that only authorized users can perform specific actions. The frontend **interacts with the backend via RESTful APIs**, with all data stored and managed in a MySQL database.

### Restaurant Website Using MERN Stack

- Developed a comprehensive Restaurant website using the MERN stack, incorporating **MongoDB, Express.js, React, and Node.js**. The project combines a robust backend with a **dynamic frontend to deliver a seamless and engaging user experience**.
- Users can **update their profiles** and manage personal information, while the **category management** system organizes menu items and services for easy navigation.
- The **special dishes section** highlights seasonal offers and exclusive items, and the **testimonials section** allows customers to share their feedback and experiences.
- Additionally, the **menu management** feature provides detailed information about each dish, and **user authentication** enables sign-up and sign-in for personalized access and booking management.
- **Develop RESTful APIs handling data interactions between the frontend and backend**, including reservation management and order processing.

## Skills

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- Java
- Spring Boot
- HTML
- CSS
- Javascript
- RestfulAPI
- React(Hooks: useState, useEffect, useNavigate)
- Node(Express, Mongoose, Cors)
- Database(MongoDB, MySQL)

## Education

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**Erode Sengunthar Engineering College | Erode, TamilNadu**  
**Information Technology | 05/2024**

CGPA - 8.16

**Vishwesvaraiyah Matriculation and Higher Secondary School | Erode, TamilNadu**  
**12th | 04/2020**

HSC - 64%

**Vishwesvaraiyah Matriculation and Higher Secondary School | Erode, TamilNadu**  
**10th | 03/2018**

SSLC - 76%

## Internship Programs at NSIC, Chennai

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- UI/UX Design
- Image Processing Using OpenCV
- IOT Application Using Raspberry PI

## Certificates

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- Java Programming for Beginners
- Introduction to Cloud Computing
- Problem Solving skill test in HackerRank
- SQL skill test in HackerRank
- Paper Presented on Wireless Communication at College Symposium