

KAVITHA E

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EDUCATION

Francis Xavier Engineering College

Bachelor of Technology - Information Technology; CGPA: 8.5

Tirunelveli , TamilNadu

Nov 2022 - Present

Angelo Matric Hr Sec School

HSC - Computer Science , 85.6

Tirunelveli , TamilNadu

June 2021 - May 2022

TECHNICAL SKILLS

- **Languages:** Python, JavaScript, SQL, C, JAVA
- **Frameworks:** ReactJS, NodeJS, ExpressJS, GraphQL
- **Tools:** Git & Github, RabbitMQ, MongoDB, ThunderClient, VSCode
- **Platforms:** Windows, phpMyAdmin, Firebase, Vercel, Netlify, Render
- **Soft Skills:** Problem Solving, Communication, Teamwork, Time Management

WORK EXPERIENCE

UI/UX Designer Intern - Digsailor, Tuticorin

December 2024

Designed engaging and responsive UI for both web and mobile platforms, ensuring improved user experience. Created complete workflows including wireframes, user journeys, and interactive prototypes using Figma to streamline user navigation.

Backend Developer Intern - Digsailor, Tirunelveli

June 2024

Developed scalable REST APIs using Node.js and Express.js for multiple real-time application modules. Implemented secure authentication, middleware validation, and error-handling mechanisms for stable API communication.

PROJECTS

• Intelligent Question Paper Generation System for Academic Institutions: (Work in progress)

Built a full-stack web-based question paper automation system featuring drag-and-drop question selection, dynamic filtering by multiple criteria, template-based generation with proper exam formatting, PDF export functionality, and consolidation tables.

Tech: ReactJS, NodeJS, ExpressJS, MySQL

• A Smart Healthcare System for Patient care and Digital Health Services:

Designed and developed a Healthcare System aimed at simplifying patient care through digital services such as online doctor appointments, prescription management, medicine purchases, managing medical records and personalized health reminders.

Tech: ReactJS, NodeJS, ExpressJS, Firebase

• AI Powered Live Moderation Platform:

Developed real-time content moderation platform with AI-powered toxicity detection, automated message analysis processing 100+ messages/second, role-based access control for users and moderators, and live analytics dashboard with data visualization.

Tech: ReactJS, NodeJS, MongoDB, GraphQL, RabbitMQ

PUBLICATION

HEALTH CONNECT - A Smart Healthcare System for Patient care and Digital Health Services:

Published in: International Journal of Scientific Research in Engineering Management (IJSREM)

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