

KABILAN K

MERN Stack Developer

+91 8883280816 mailtokabilan009@gmail.com https://www.kabilankaliyaperumal.in/ Tamil Nadu, India

SUMMARY

Recent B.E. Computer Science graduate with hands-on experience in **MERN stack development**. Built real-world applications including **AI-powered quiz platforms**, **role-based billing systems**, **secure e-commerce applications**, and **full-stack web solutions**. Strong interest in backend development, authentication, deployment, and scalable system design.

PROJECTS

Dude Quizz AI – One-Mark Quiz Platform

https://dude-quizz.vercel.app/

Tech Stack: MERN Stack, Ollama AI, KaTeX, Vercel.

- Developed an **AI-powered quiz application** focused exclusively on **one mark questions** for Tamil medium students.(Class-10,11,12).
- Integrated **AI-based doubt clarification** and **KaTeX** for textbook-style mathematical formula rendering.
- Designed a **lightweight, user-friendly test flow**, actively used by ~25 students.

Billing Software – Role-Based Billing & Inventory System

https://billing-kabi09.vercel.app/

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, SMTP/Nodemailer

- Built a **role-based billing system** where Admin manages workers, products, and reports, and Workers handle billing and customer creation.
- Implemented **JWT authentication**, **GST invoice generation**, **barcode scan/read**, and **thermal printer integration**.
- Automated **daily, monthly, and yearly sales reports** with email delivery and **weekly MongoDB backups**.

E-Commerce Website – Secure Payments & Fake Review Prevention

Tech Stack: MERN Stack, JWT, Razorpay API, Nodemailer, Vercel

- Developed a **JWT-secured e-commerce application** with **Razorpay payment gateway** integration.
- Implemented **unique product code generation** using **timestamp + random alphanumeric values**, delivered via email after purchase.
- Enabled **verified-buyer review submission** with warnings, auto-fill support, and **account blocking** after multiple invalid attempts.

Pet Adoption Platform

Tech Stack: React.js, Node.js, Express.js, MongoDB

- Developed a **full-stack pet adoption platform** connecting pet adopters and shelters.
- Implemented **role-based access** with admin and adopter modules for managing pet listings and adoption requests
- Designed a **user-friendly workflow** to improve adoption efficiency.

EDUCATION

B.E. Computer Science & Engineering - 2025
E.G.S. Pillay Engineering College, Nagapattinam

CGPA
7 / 10

HSC - 2021
St Sebastian's Higher Sec School, Kameswaram

Percentage
84 / 100

SSLC - 2019
St Sebastian's Higher Sec School, Kameswaram

Percentage
73 / 100

SKILLS

HTML	CSS	Java Script	React js
Node js	Express Js	RESTful APIs	
MongoDB			
JWT	Role-Based Access Control		
Vercel	GitHub CI/CD	Git	Postman
VS Code	Nodemailer	AI Integration	

PROFESSIONAL EXPERIENCE

3 Month Full Stack Web Development Intern Virtual

Pantech.ai

- Gained hands-on experience in **frontend and backend development** using **HTML, CSS, JavaScript, React, Node.js, Express.js, and MongoDB**.
- Built and tested **full-stack web applications** and **REST APIs**.

30 Days MasterClass – Full Stack Development

NoviTech R&D Pvt Ltd

Completed intensive training focused on **full-stack application development** and **real-time project implementation**

CERTIFICATIONS

•**React.js – GUVI (HCL & Google for Education Partner)**

•**Node.js – GUVI (HCL & Google for Education Partner)**

•**MERN Stack: All You Need to Know with Practical Project – Udemy**

•**Build a Backend REST API with Node.js from Scratch – Udemy**