

Shageen Fathima S

I'm a Full Stack Developer with experience in React.js, Next.js, React Native, Node.js, Nest.js, MongoDB, and Postgres. I like to develop applications with challenging features that brings value and profit to the organization.

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EDUCATION

Government College of Technology

Bachelor of Technology - 8.24

November 2021 - April 2025

WORK EXPERIENCE

KrishTech Software Solutions

Software Engineer

Jun-2024 - Present

- Connected with **Designer & Stakeholder** to develop **Responsive Front End UI interfaces** using **Next.js** and **Tailwind CSS**.
- Built and managed **APIs** using **Node.js** and connected with **NoSQL** database like **MongoDB**.
- Created **Micro Services** using **Nest.js**, **Postgres** and integrated them with **React.js** frontend.
- Created **Schemas** for **Database**.
- Integrated third party features like **GST Fetch** from **IRIS**, **OAuth** using **google**, **Puppeteer** and **Twilio**.
- Worked with **pdf-parsing functionality**, and handled the parsed pdf to give as an prompt to **openAI** so that it generates **CSV/Excel** documents.
- Handled handling formats like **XML Import, Export** features.
- Integrated and handled payment gateways using **Razor Pay** and handled **Subscription API's**
- Handled **Nginx configuration** and deployment-related tasks like **Reverse Proxy**.
- Handled **Frontend, Backend** and **Database** tasks parallelly.

INTERNSHIP EXPERIENCE

RHInfos

- I have worked as a **Full Stack Web & Mobile Developer**, using **React Native** and **React.js** as frontend libraries.
- I created **APIs** using **PHP** and integrated them with **Front End**.
- I developed robust backend systems using tools like **XAMPP** and **MySQL**, ensuring efficient data handling and smooth performance.

PROJECTS

1. ReNote – Quotation Management System

Jan 2025 - Present

Link: <https://renote.krishub.in>

Tech Stacks used: Next.js, Tailwind, Express.js, MongoDB

- Built a **flexible quotation creation system** supporting both **product** and **service-based businesses**, with GST and non-GST modes.
- Ensured **high accuracy (~90%) between on-screen design and final printable quotation**, addressing a key limitation in existing market apps.
- Added features like posters creation with multiple templates to store and usage of data in frontend and simultaneous data management
- Created features like **Bulk products** inputs using **pdf-parser** which process the texts from pdf and give the prompt of that text input and **generates JSON data**
- Created features like **storage of invoice data including HSN codes** as input, which is found Downloadable, Printable and can be Shared.
- Involves **Local Synchronization/migration of Data's** be it the locally stored one's like invoice, estimations & poster's to backend. Hence data can be found manageable both **logged-in** as well as **Unlogged In** state
- Integrated features for **downloadable, professional-grade quotations**, ensuring customers see exactly what they type.
- Enhanced data management by segregating company and customer records for scalability and compliance.
- Implemented AI based integration of data with the software technology to interpret pdf document into csv

2. AuthService (Backend Application)

Link: <https://renote.krishub.in/auth>

Tech Stacks used: Nest.js, Postgres, JWT, OAuth, File Upload

- Built a centralized authentication system for all the apps in the organization with APIs for **registration, login, request OTP, and verify OTP**.
- Implemented **JWT-based authentication** with role-based access control.
- Integrated **OAuth module** to support authentication across multiple applications without duplicating services.
- Developed **OTP based login** and **password reset** flows using **Twilio integration**.
- Developed **middleware** to protect the routes, and to manage profile fields like profile picture, name, date of birth etc..

SKILLS

- HTML, CSS/SCSS, JavaScript
- Tailwind
- TypeScript
- Next.js, React.js, React Native
- Nest.js, Node.js, PHP
- MongoDB, Postgres, XAMPP
- Nginx
- Git, GitHub, Vs Code

CERTIFICATE

1. RHInfos

- **Tech Stacks used:** React.js, React Native, and XAMPP.
- I received internship certificate from **RHInfos** for successfully completing a **6-month full-time training program as a Web Development Support Intern**.

2. Skyappz Academy

- **Tech Stacks used:** React.js, and MongoDB
- I received online Internship completion certificate from Skyappz Academy, as web development support Intern.

3. NCC 'B','C' Certification

- **B Certificate:** Awarded after completing **2 years** of NCC training at the school level, demonstrating proficiency in basic military training, drills, and leadership.
- **C Certificate:** The highest NCC certification, obtained after completing **3 years** of training at the college level, including advanced drills, weapon training, map reading, and leadership development.

LANGUAGE

Tamil Superior

Hindi Intermediate

English Superior