

Abu Talha MERN Stack Developer

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SUMMARY

I am a MERN stack developer with 4 years of experience, focusing mostly on front-end development. I specialize in building high-performance web applications, leveraging AI tools like v0.dev, bolt.new, and lovable.dev. Skilled in crafting user-centric interfaces, cross-functional collaboration, and utilizing SaaS products like Directus and Supabase to deliver innovative solutions.

EXPERIENCE

- M2P Fintech, Software Development Engineer** 10/2021 – Present | Hyderabad
- Developed scalable web applications with React and JavaScript
 - Managed application state with Redux, Redux Toolkit, Thunk, and Saga, React Query.
 - Implemented responsive design strategies for improved user satisfaction
 - Authored clean, optimized code for enhanced performance and maintenance
 - Troubleshoot and resolved complex issues ensuring robust functionality
 - Designed and integrated RESTful APIs for secure data exchange
 - Utilized AI tools like v0.dev, bolt.new, lovable.dev and Anthropic for efficiency
 - Leveraged SaaS products like Directus and Supabase for backend development

SKILLS

React.js	Javascript
React Query	Redux saga
Node.js	Express.js
Tailwind	Git
JIRA	Restful apis
Typescript	Supabase
Directus	Python
CI/CD pipelines understanding	Redis
Php	

PROJECTS

VKYC and DKYC, Video and Digital KYC application for banks and fintech companies.

Developed an efficient Video KYC application using **React.js**, **Redux Saga**, **WebSockets**, **Node.js**, and **Express.js**, which greatly improved user experience and efficiency.

Key Technical Skills and Responsibilities:

- **Streaming Technologies:**

- Used **Livekit** and **100ms** for high-quality video streaming.
- Solved streaming issues such as improving streaming quality, recording video, handling different internet speeds, fixing camera and microphone problems, and dealing with network issues.
- Maintained **flag-based streaming configuration** for clients with dynamic integration.

- **Security:**

- Implemented **encryption** and **decryption** to ensure data security.

- **Logging and Monitoring:**

- Used **hyperdx** and **OpenTelemetry** for detailed logging and monitoring.

- **Facial Recognition:**

- Implemented **face match** and **liveness checking** technologies to verify user identities effectively.

- **Compliance and Security:**

- Made sure all implementations followed **RBI compliance** guidelines.
- Added **Aadhaar masking** to protect user privacy.

- **FRM & AML:**

- Set up a **fraud risk management (FRM)** and **anti-money laundering (AML)** system to detect and prevent fraudulent activities.

- **Dynamic Environment Configuration:**

- Used **dynamic environment variables** to support various client needs and configurations.
- Maintained a **single source codebase** that manages multiple clients depending on API response and environment.
- Implemented **feature flag integration** to show and hide flows based on specific conditions.

- **Authentication and Verification:**

- Integrated with **DigiLocker**, **AUA/KUA**, and **eKYC** for secure and efficient user verification.
- Integrated of **NSDL PAN verification**.
- Integrated **biometrics** for authentication, specifically for a DKYC client (**LivQuik's FASTag**).

- **Document Capture:**

- Enabled cross-application **document capture**, like capturing a customer's PAN card from the agent's device for better user experience.

- **OCR:**

- Integrated **OCR API** to accurately extract information from documents.

- **Image Processing:**

- Implemented **image compression techniques** to ensure faster loading times.
- Captured **high-quality images** during video calls for a better user experience.

- **Self Recording:**

- Developed a **self-recording** feature for users to capture their own videos.

- **Portals Development:**

- Developed distinct portals for different user types, including **customer**, **agent**, **auditor**, **concurrent auditor**, **admin**, and **super admin**.

- Chat Functionality:

- Implemented **message chatting** functionality for better communication during sessions.

- Mobile Integration:

- Developed a **mobile web view** for a seamless experience on mobile devices.

- Debugging:

- Used **mobile debugging** and **USB debugging** tools to troubleshoot and ensure smooth operation on all devices.

- Customizable Solutions:

- Developed **customizable solutions** to meet the specific needs of different clients efficiently.

Backend Work:

- Managed **VKYC & DKYC backend** and **LIVEKIT wrapper APIs** to handle streaming.
- Integrated **Redis** for optimized data storage and retrieval.

Cashiering Module, *Collaborated with LOS and LMS teams to ensure seamless integration of payment validations and arrears clearance workflows.*

Led the front-end development of a comprehensive Cashiering Management System for CIM Finance, designed to streamline payment collection, reconciliation, and reporting across multiple branches and merchant outlets. The system supports various payment modes (Cash, Debit/Credit Cards, Cheques) and integrates with multiple Loan Management Systems (LMS) and Data Warehouses.

Key Technical Skills and Responsibilities:

- Developed dynamic UI components for modules including:
- Implemented complex form validations and conditional logic for regulatory compliance (e.g., cash transaction limits, source of funds).
- Integrated front-end with backend APIs for real-time data exchange with LMS and DWH systems.
- Designed responsive layouts and intuitive workflows to enhance cashier efficiency and reduce training time.
- Collaborated with cross-functional teams to define UI behavior based on BRD specifications and Miro prototypes.
- Contributed to the creation of configurable receipt formats and dynamic reporting dashboards for finance and audit teams.

Clients Handled - VKYC , DKYC & LOS and LMS,

Expertly managing a diverse range of clients to drive operational success and innovation.

Throughout my career, I have had the privilege to work with a diverse range of clients, helping them achieve their business goals and streamline their operations. The following is a list of clients that I have managed:

- **Transcorp International Limited**
- **State Bank of India**
- **Livquik Technology (India) Private Limited**
- **Cim finance**
- **Thomas Cook (India) Limited**
- **Trillionloans Fintech Private Limited**
- **Unity Small Finance Bank Limited**
- **Unimoni Financial Services Limited**
- **The Cosmos Co-Operative Bank Limited**
- **Paul Merchants Finance Private Limited**
- **Orissa computer Application Center**
- **Mobilepe Fintech Private Limited**
- **Pay Point India Network Private Limited**

LANGUAGES

English — Proficient • Telugu — Advanced • Urdu — Proficient

STRENGTHS

React.js proficiency

Skilled in React.js for creating user- centric applications.

Effective collaboration

Experienced in cross-functional team collaboration and driving innovation.

Results-oriented

Consistently delivering high-impact and performance-driven web solutions.

EDUCATION

Bachelor of Technology in Mechanical Engineering,
Brindavan Institute of Technology and Science

05/2018 – 06/2021 | Kurnool, India