Atikur Satter Mondal

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Profile

Results-driven Full-Stack Developer with 3+ years of experience building scalable, high-performance web applications using **Angular, React, Node.js, Express.js, and PostgreSQL**. Proven expertise in developing **KYC solutions**, **AI/ML data dashboards**, and **video-based verification systems**. Skilled in implementing **real-time features with WebSockets**, optimizing API performance, and delivering secure, user-centric products. Strong collaborator with a track record of leading end-to-end development and working across cross-functional teams.

Education

The University of Burdwan   July 2018 - July 2021
Bachelor of Computer Science GPA: 8.39, A+   *Singur, Hooghly, West Bengal*

Experience

Jukshio Technology Innovation Private Limited   Dec 2021 – Present
Research & Development Engineer I   *Hyderabad, Telengana*
- Developed and optimized multiple large-scale applications, including KYC and AI/ML data curation dashboards, using Angular, React, Node.js, and PostgreSQL.
- Integrated real-time communication using WebSockets, improving user interactions in video KYC and live agent-customer connections.
- Led the development of an AI/ML curation dashboard used by 400-500 users daily, improving data accuracy for machine learning model training.
- Optimized database queries and implemented pagination, reducing dashboard load times and improving user experience.
- Collaborated with cross-functional teams, translating business requirements into scalable, high-performance applications.

Sukshi Academy   Aug 2021 – Nov 2021
Frontend Developer Intern   *Hyderabd, Telenagana*
- Completed intensive training on frontend development fundamentals, including HTML, CSS, JavaScript, TypeScript, and Angular.
- Developed the frontend for an AI/ML-based project, translating Figma designs into a fully functional UI using Angular, Bootstrap, and REST API integration.
- Collaborated with backend and AI/ML teams, ensuring seamless data flow and UI/UX consistency for the project.
- Contributed to the successful completion of the project, assisting the team in deploying the application end-to-end.

Projects

KYC Application | *Angular, Angular Material, Bootstrap*
- Led the development of a digital KYC solution for organizations like Manappuram and Muthoot, transforming the manual process into a seamless online experience.
- Implemented an intuitive user interface based on Figma designs, allowing users to upload and verify KYC documents (Aadhaar, voter ID, DL, passport) with front and back captures.
- Developed integrations with Go-based APIs to perform document verification, including face matching and name validation, ensuring compliance with regulatory standards.
- Designed and managed global data handling across the application to maintain consistent and accurate user information throughout the KYC process.
- Built a flexible data submission system, allowing users to submit KYC data in customer-specific structures, optimizing for various organizational needs.

Customer KYC Dashboard | *Angular, Angular Material, Bootstrap, Chart.js, Node.js, Express.js, PostgreSQL, GCP*
- Developed a robust KYC dashboard for tracking and analyzing customer verification data, enhancing transparency and efficiency in the onboarding process.
- Implemented an Overview Page with date-filtered KYC transaction counts, line graphs, latest 20 transactions, and a breakdown of success/rejected/incomplete cases.

- Designed an Onboarding History Page to provide paginated transaction details, customer verification steps, failure reasons, and document images for a comprehensive audit trail.
- Built an Analytics Page featuring multiple graphs to display API-wise transaction data, success/failure breakdowns, and validation tools for clients to cross-check invoices.
- Optimized backend performance with Node.js, Express.js, and PostgreSQL, leveraging GCP for scalable storage solutions.

Video KYC Application | Angular, React.js, WebSocket, Node.js, PostgreSQL, GCP, Video SDK Live
- Developed a multi-role Video KYC platform with separate dashboards for agents, customers, auditors, and admins to streamline digital KYC verification.
- Integrated Video SDK Live for seamless real-time video calls, enabling agents to verify customer identities without building in-house video infrastructure.
- Implemented Admin Dashboard for managing agents, allocating calls, and assigning auditors for review.
- Built Agent Dashboard allowing agents to mark availability, handle live KYC calls, capture customer face liveness and PAN images, and store video recordings securely in GCP.
- Created Auditor Dashboard to review full KYC journeys, analyze face matching and document validation via Go APIs, and approve/reject transactions.
- Designed Customer Interface (React.js) where users can fill in personal details via DigiLocker or manual forms, initiate video KYC, and interact with agents.
- Engineered WebSocket-based real-time communication to handle agent-customer video calls, connection status, and session events, ensuring low-latency interactions.
- Developed a Node.js/Express.js backend to manage KYC data, process video call sessions, handle encrypted document storage in GCP, and maintain smooth API operations.

AI/ML Curation Dashboard | Angular, Bootstrap, Node.js, PostgreSQL, GCP, Azure
- Developed an internal data curation dashboard used by 400-500 users daily in shifts to improve AI/ML model training accuracy while ensuring data security.
- Designed a role-based login system enabling users to select specific data categories for visualization and review.
- Integrated GCP and Azure storage to securely fetch and display KYC-completed customer data, ensuring compliance with encryption standards.
- Built interactive UI components for reviewing and flagging incorrect data points, ensuring higher accuracy in ML model training.
- Implemented Node.js REST APIs for handling data retrieval, processing, and securely storing flagged records in PostgreSQL with symmetric/asymmetric encryption.
- Enhanced data analytics capabilities, allowing the analysis team to refine ML models while maintaining secure access to curated data.

Technical Skills

Languages: HTML, CSS, Javascript, TypeScript, SQL
Frameworks & Libraries: Angular, React JS, Bootstrap, Angular Material, Tailwind CSS, Node JS, Express JS, Next JS, Redux, Socket Io
Databases: Postgres SQL, Mongo DB, Firebase
Tools: Git, Gitlab, Github, VS Code, Postman
Concepts & Technologies: WebSockets,, REST APIs, JSON, JWT, Figma, Firebase (Authentication, Firestore), Prisma