

# Fatima Momin

Frontend Developer

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## WORK EXPERIENCE

### Frontend Developer | Infosys

June 22 - Present

- Integrated independent modules within a **micro-frontend** financial services platform, coordinating shared **Redux** state and **REST APIs** to ensure consistent cross-module behavior.
- Leveraged **Next.js getServerSideProps** for server-side data fetching, optimizing request logic to eliminate redundant API calls and improve rendering performance.
- Optimized **React** application performance by refining Redux state management and applying memoization strategies, reducing unnecessary re-renders and improving page load time by **25% (1.2s to 0.9s)**.
- Delivered **15+ production-ready** features across agile sprints, integrating REST APIs and managing complex UI state, ensuring **100% file-level test coverage** compliance using **React Testing Library** and **Jest**.
- Developed **Python** scripts to validate and transform REST API response data for internal testing, reducing manual debugging effort by approximately **15%**.
- Contributed to a Generative AI chatbot by implementing **WebSocket-based real-time communication**, achieving response times **under 1 second**.

### Frontend Developer Intern | Company360

Oct 2021- May 2022

- Built responsive static landing pages using **Jekyll**, Markdown, and **Bootstrap**, implementing interactive UI components and dynamic form elements.
- Developed a **cross-platform** proof-of-concept application using **React Native** to expand the company's digital presence in the legal services domain.

## TECHNICAL SKILLS

- **Frontend:** JavaScript (ES6+), React.js, Next.js, Redux, React Native, TypeScript, HTML5, CSS3, Sass/SCSS, Tailwind CSS, Bootstrap, Material UI
- **Backend & APIs:** Python, Node.js, Express.js, RESTful APIs, WebSockets, GraphQL
- **Build Tools:** Webpack, Module Federation, Vite, Babel
- **Testing:** React Testing Library, Jest, Winston (Structured Logging)
- **Tools & Workflow:** Git, GitHub, Bitbucket, CI/CD (Jenkins, GitHub Actions), Agile/Scrum, Jira

## PROJECTS

### Interactive Mobile Application | *React Native, Expo, Next.js (API Routes), Firebase (FCM)*

- Architected and developed a cross-platform mobile application using **React Native**, featuring interactive game modules, animated UI components, and secure internal authentication for controlled user access.
- Built automated push notifications using **Expo Notifications** and **Firebase Cloud Messaging (FCM)**, triggered via **GitHub Actions** cron workflows and integrated with a **Vercel-hosted** Next.js backend for device token management.

### AI-Powered Document Generation Platform | *Next.js, DeepInfra API*

[Live Demo](#)

- Developed an AI-powered **Next.js application** integrated with the **DeepInfra API** to process structured user input and generate enhanced content via AI inference.
- Implemented real-time PDF preview and export functionality using **Puppeteer** for document generation and automated email delivery via **Nodemailer**, deploying the application through **CI/CD pipelines on Vercel**.

### Discord Bot Development | *Node.js, Discord.js*

[Github](#)

- Developed a modular Discord bot using **Node.js** and **Discord.js** with a command-handler architecture, supporting self-hosted deployment on Replit with automated restarts and structured logging using **Winston** for high availability.
- Integrated third-party APIs for GIF search, weather data, and AI-driven responses using the **OpenAI API**, implementing interactive commands and real-time event handling.

## EDUCATION

B.E. in Electronics and Telecommunications | CGPA 9.66

May 2022

Thakur College of Engineering & Technology