

# Ashmit Tyagi

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## PROFESSIONAL EXPERIENCE

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### Software Developer | AmarUjala Web Services Pvt. Ltd | March 2025 – Present

**Projects:** [AmarUjala](#) | [The Bonus](#) | [My Iyotish](#) | [MJ Astro](#).

- Developed and maintained multiple cross-platform mobile applications using React Native, supporting news, finance, and astrology domains.
- Built and integrated REST APIs for real-time content delivery, push notifications, and personalized feeds, increasing user engagement by 25%.
- Implemented Firebase Analytics and Crashlytics to monitor application health, improving stability by 35% across production apps
- Developed real-time chat and consultation features using Socket.io and Firebase, enabling live interactions between users and service providers.
- Optimized UI performance and API consumption for high-traffic screens serving 10M+ monthly users.

### Software Developer | Freelance | April 2024 – March 2025

**Projects:** Legal Paper(Web) | Leave Detection (App)

- Designed and developed scalable web and mobile applications using Node.js and React Native, ensuring performance, security, and maintainable architecture.
- Built and integrated RESTful APIs to enable seamless frontend–backend communication and efficient data handling.
- Implemented intelligent leave detection features to enhance automation and decision-making workflows.
- Debugged, refactored, and optimized existing systems to improve application stability, performance, and overall user experience.

### Software Developer | InfraBlok India Pvt. Ltd | June 2023 – March 2024

**Projects:** Partner Portal | MDVerse

- Built enterprise web applications using React.js and TypeScript with a focus on reusable components and clean architecture.
- Contributed to backend development using Java and Spring Boot, assisting in REST API creation and business logic implementation.
- Improved application performance by 20% and reduced production bugs by 95% through code refactoring and debugging best practices.
- Worked across frontend and backend teams to ensure smooth feature integration and deployments.

## TECHNICAL SKILLS

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**Languages:** C++, Java, JavaScript, TypeScript, Sql

**Frameworks:** React.js, React Native, Node.js, Redux, MaterialUI, Bootstrap , SpringBoot

**Platform and Tools:** Git, GitHub, IntelliJ IDEA, Postman, Visual Studio Code, MySQL Workspace

## EDUCATION

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**Degree:** B.Tech in Information Technology

**Duration:** 2019-2023

**Institution:** GL Bajaj Institute of Technology and Management

## PROJECTS

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### Real-Time Chat Application | [Github](#)

- Built a responsive chat application UI using React with well-structured components for chat lists, message bubbles, and input controls.
- Implemented client-side authentication flows, form validation, and protected routes to ensure secure access for logged-in users.
- Designed real-time UI updates for incoming messages and user interactions using efficient state management.
- Focused on clean UX, smooth message rendering, and clear feedback states (loading, empty chats, validation errors).

### **Weather Dashboard Application | [Github](#)**

- Developed a weather forecast dashboard UI using React, TypeScript, and Material UI with a clean and user-friendly layout.
- Implemented search functionality with country and location filtering using a structured dummy dataset.
- Designed dynamic weather cards and conditional UI rendering based on selected locations.
- Ensured responsive design and consistent styling across different screen sizes.

### **Code Editor | [Github](#)**

- Developed a lightweight syntax-highlighted code editor using React and react-simple-code-editor, enabling real-time code editing with dynamic state management.
- Integrated PrismJS for JavaScript syntax highlighting and customized editor styling with reusable components and modular CSS.
- Designed a reusable component with configurable props (code state, padding, styling) to ensure flexibility and scalability.
- Implemented application structure using modern React (Hooks, Functional Components, StrictMode) and configured testing with React Testing Library and Jest for UI validation.

### **React Dashboard & User Management System | [Github](#)**

- Developed a multi-page React application using React, TypeScript, React Router, and Material UI, implementing centralized theming and responsive UI components.
- Implemented authentication flow using Context API and protected routes, ensuring secure access control within the application.
- Built core features including a validated User Data Form, dynamic Counter module, and a Rich Text Editor with persistent storage using localStorage.
- Ensured responsive design and consistent styling across different screen sizes. Integrated Chart.js to display interactive user activity trends, enhancing dashboard analytics and data visualization.