Paritosh Barman

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Accomplished Full Stack Developer with deep expertise in the MERN stack, building 500+ projects across web, Python, and IoT domains. Skilled in developing dynamic applications, secure authentication, and admin panels. Strong problem-solving abilities and a passion for clean, efficient, and scalable solutions.

EDUCATION

Full Stack Development, *Prepleaf by Masai*   Aug 2023 - Present

Diploma in Electrical Engineering, *Ramakrishna Mission Shilpapitha*   Jun 2019 - Jun 2021

CERTIFICATIONS

Prepleaf by Masai, *7 Day Linkedin Challenge (Project Making Challenge)*   🔗 Click To View

Think NEXT Technologies Private Limited, *Python Certificate*   🔗 Click To View

Skills

Technical Skills Responsive Web Design, CSS3, HTML5, RESTful APIs, MongoDB, Express.js, Node.js, Git, Redux, React, JavaScript

Soft Skills Adaptability, Time Management, Teamwork, Problem Solving

Experience

Self-employed / Freelance, *Freelance Full Stack Developer*   Aug 2024 - Present

- Developed 8+ production-ready full-stack applications using React, Node.js, Django, MongoDB, and Express.js across diverse domains
- Engineered custom platforms such as a real-time geolocation tracker, LMS, and medical shop management system with third-party integrations
- Implemented secure JWT authentication, responsive UI/UX, and client-specific features including PDF generation, SMTP, and role-based access
- Managed end-to-end deployment, client collaboration, and ongoing maintenance for multiple web solutions

Projects

Smart Field Manager 🏷️

Smart Field Manager is a full stack B2B web application developed as a freelance solo project for a business owner aiming to efficiently manage field sales executives. The platform allows real time tracking of executive movements, logging of business visits, and instant access to client details. With a strong focus on essential features, scalability, and mobile first usability, it supports secure role based access where admins can oversee all data while executives can view only their own interactions. The project was completed under tight budget constraints, delivering a cost effective yet robust solution ready for real world deployment.

- 🚀 **Deployed Link :** https://smart-field-manager.netlify.app/login
- ⓖ **Github Repo :** https://github.com/ParitoshBarman/Smart-Field-Manager
- Developed a full-stack B2B web application enabling efficient real-time tracking and management of field sales executives using React.js, Node.js, Express.js, and MongoDB.
- Implemented role-based access control with JWT, ensuring secure data visibility for admins and executives according to their roles.
- Integrated interactive maps with Leaflet for accurate monitoring of executive movements and daily business visit logging.
- Enabled instant communication features, including direct calls and WhatsApp messaging, and supported business document uploads using Multer.
- Focused on mobile-first design and scalability to deliver a robust, cost-effective solution within budget constraints.

Local Democracy Platform

A self-designed and fully developed solo full-stack web application aimed at promoting civic engagement and transparent local governance. The platform allows citizens to interact with local laws, vote on initiatives, submit feedback, and receive real-time updates. Frontend: Built with React (Vite), Chakra UI, and Redux Toolkit, featuring role-based protected routes, JWT authentication, debounced search, interactive dialogs (stories/votes), and real-time notifications via Socket.IO. The UI is fully responsive. Backend: Developed with Node.js, Express, and MongoDB, using secure JWT authentication, role-based access control (RBAC), RESTful APIs, file uploads with Multer, and WebSocket integration for real-time event handling. Clean and scalable architecture with modular routes, controllers, and middleware.

- 🚀 **Deployed Link :** https://local-democracy-platform.netlify.app/login
- ⓖ **Github Repo :** https://github.com/ParitoshBarman/Local-Democracy-Platform
- Designed and developed a full-stack web application to enhance civic engagement and transparent local governance using React, Node.js, Express, and MongoDB.
- Implemented secure JWT authentication and role-based access control (RBAC) for protected dashboards and admin-only features.
- Integrated real-time voting, notifications, and feedback tools with Socket.IO for interactive user experiences.
- Created a responsive and accessible UI with Chakra UI, including debounced search, interactive dialogs, and profile image uploads.
- Structured the backend with RESTful APIs, modular routes, and middleware for scalable and maintainable architecture.