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

Built a B2B web app with real-time executive tracking, JWT-based role access, Leaflet maps and file uploads. Tech & Tools: React.js, Vite, Node.js, Express.js, MongoDB, Leaflet, JWT, Multer, Context API, React Router

- 🚀 **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

Developed a full-stack platform for civic engagement with JWT auth, RBAC, real-time voting via Socket.IO, and a responsive Chakra UI. Tech & Tools: React, Redux Toolkit, Chakra UI, Node.js, Express.js, MongoDB, JWT, Multer, Socket.IO, Netlify, Render

- 🚀 **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.