

TANMOY DAS

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Motivated and results-driven **Full Stack Developer** with hands-on experience in designing, building, and deploying dynamic web applications using the **MERN** stack (MongoDB, Express.js, React.js, Node.js). Skilled in building responsive UIs, creating **RESTful APIs**, and implementing secure user authentication. Strong background in JavaScript (ES6+), Git-based collaboration, and deploying full-stack projects to cloud platforms like Vercel and Render. Passionate about writing clean, maintainable code and continuously learning new technologies to solve real-world problems efficiently.

EDUCATION

College of Engineering and Management, Kolaghat

Sep 2021 – July 2024

Bachelor of Technology in Electrical Engineering

CGPA – **7.98**

WORK EXPERIENCE

Full-Stack Web Developer Intern • Zidio Development

January 2025 – April 2025 | Bengaluru, India

- Developed a task management web application using the **MERN** stack (MongoDB, Express.js, React.js, Node.js). Implemented user authentication with **JWT** and **Google OAuth** for secure access control.
- Created features such as task creation, editing, filtering, priority assignment, and real-time progress updates.
- Built a dynamic dashboard with analytics to monitor task completion, overdue items, and user engagement using interactive charts and graphs.
- Integrated a calendar interface for task scheduling, with in-app notifications and automated email reminders.
- Utilized CRUD operations for efficient data handling and storage with MongoDB.
- Improved load time by 30% using optimized React components.
- Styled the UI with **Tailwind CSS** to ensure a modern, responsive design.
- Deployed the application on **Vercel** and **Render**, ensuring optimal performance and uptime.
- Employed **Git** and **GitHub** for version control and collaborative development.

SKILLS

- Programming Languages:** JavaScript, Python.
- Frontend Development:** React.js, Next.js, Tailwind CSS, Bootstrap, Material UI.
- Backend Development:** Node.js, Express.js, RESTful APIs, Authentication (JWT, OAuth, Firebase Auth).
- Database Management:** MongoDB, MySQL, PostgreSQL.
- Deployment & Platforms:** Vercel, Render, Heroku, Netlify, GitHub Pages.
- Tools & Version Control:** Git, GitHub, GitLab, Postman (API Testing), VS Code, Chrome DevTools.
- Soft Skills:** Problem-Solving & Debugging, Communication & Teamwork, Time Management & Adaptability, Learning.

CERTIFICATIONS

Web Development — Udemy

March 2025 | Certificate

- Mastered end-to-end web development with technologies such as **HTML5**, **CSS3**, **JavaScript**, **Bootstrap**, **Node.js**, **Express.js**, **MongoDB**, and **Git**.
- Created responsive websites and full-stack applications with robust front-end and server-side features.
- Integrated user authentication, implemented **RESTful APIs**, and performed CRUD operations.
- Gained hands-on experience with **EJS** templating, **middleware** configuration, and app deployment using **Heroku**.
- Completed real-world projects including blogs, to-do lists, and user authentication systems.

JavaScript — Udemy

- Acquired a deep understanding of **ES6+**, **DOM manipulation**, **asynchronous operations (Promises, async/await)**, and robust error handling.
- Developed interactive applications using functions, arrays, objects, and advanced JavaScript techniques.
- Explored closures, hoisting, the event loop, prototypes, and **object-oriented programming (OOP)**.
- Worked on real-life projects, integrating APIs and processing JSON data.
- Practiced debugging, testing, and optimizing JavaScript code for performance improvements.