

Manish Shaw

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Education

Calcutta University

Bachelor of Science in Computer Science

Passing Year 2021

Kolkata, West Bengal

West Bengal State University

Master of Science in Computer Science

Passing Year 2023

Barasat, West Bengal

Technical Skills

Backend: NodeJs, ExpressJs, MySql, MongoDB, RestAPI, Payment Gateway Integration

Frontend: JavaScript, ReactJs, Redux, Redux Toolkit, (ES6+), HTML, CSS

Tools & Platforms: Postman, Git, GitHub

Experience

Full Stack Developer | Webingo | Kolkata, India

12/2025 - 02/2026

Project :- Internal Company Tool | ReactJs, NodeJs, ExpressJs, MySql

- Maintained a full-stack internal tool actively used by all employees and managers across the organization.
- Handled both frontend and backend responsibilities independently, ensuring smooth functionality and usability.

Project :- Saburiply | ReactJs, Redux, Redux Toolkit

- Contributed to the frontend of the existing Saburiply platform, specifically building and enhancing the Dashboard module.

Project :- SSWB | NodeJs, ExpressJs, MongoDB, ReactJs

- Served as the primary backend developer for the first external client project SSWB.
- Additionally handled a significant portion of frontend development, supporting the senior developer who was occupied with other projects.
- Successfully delivered the project as per client requirements.

Database Design | MySql

- Designed the database architecture for a new project from scratch, ensuring scalability and efficiency.

JavaScript AI Model Trainer | Outlier | San Francisco, US

10/2024 - still continue

- Contributing to the improvement of the AI model's decision-making capabilities by curating and labeling data, and writing effective JavaScript code patterns.
- Ensuring the model adheres to best practices in programming and logic by applying modern JavaScript features (ES6+).
- Participating in model evaluation, testing, and refining processes to enhance accuracy and performance.

MERN Stack Developer | Geneus Solutions Private Ltd | Bengaluru, India

10/2024 - 12/2025

Project :- Geneus Solutions (EdTech Platform)

- Designed and developed a full-featured learning platform from scratch using the MERN stack. Implemented key features such as : -
User Authentication Authorization.
Instructor dashboard for managing courses (add, update, delete, filter).
Payment integration using Razorpay for secure course enrollment.
Admin panel for instructors to track revenue and course performance

- **Role Responsibilities :**

Coordinated effectively between the frontend and backend teams to ensure smooth development and integration.
Designed and implemented scalable backend APIs and MongoDB data models.
Built responsive frontend with React.js, focusing on usability and clean design.
Managed overall architecture to ensure maintainable and modular code.

Project :- NutriApp

- Developing a full-stack web application aimed at helping users choose the correct diet based on their goals (e.g., weight loss, weight gain, or maintenance) to promote a healthy lifestyle.
- **Database Design:** Designed and implemented a scalable MongoDB database to store user data, dietary preferences, and personalized nutrition plans.
- **Frontend Development:** Currently building the UI using React.js and Material-UI, ensuring a responsive and user-friendly experience for seamless interaction.
- Collaborating with the team to integrate backend APIs, user authentication, and state management using technologies like Express.js, Node.js, and Redux.

MERN Stack Developer | MNNLR Private Ltd | Andhra Pradesh India

05/2024 - 11/2024

- Worked in a cross-functional team and developed 65% of the project's frontend using React.js, HTML, CSS, and MUI, improving the design and responsiveness.
- Engaged in backend development with Node.js, Express.js, and MongoDB, showcasing full-stack expertise. Strengthened problem-solving skills through pivotal contribution to the critical project, resulting in a 30% reduction in project turnaround time.
- Optimized MongoDB database design, reducing data redundancy and enhancing overall application performance.

Personal Projects

Wynk music clone | Node.js, Express, MongoDB, JWT, React, HTML, CSS, MUI | Frontend Repo | Backend Repo

- **Feature-Rich Music Library** :- Developed a Wynk Music clone with song, album, and playlist filtering, including packages for artists, new releases, top artists, top charts, and various regional and international languages.
- **User Personalization** :- Enabled users to track recently played songs and create their own personal playlists.
- **Secure Authentication** :- Implemented JWT token-based security for user authentication and data protection.
- **Interactive Interface** :- Provided an intuitive and user-friendly interface for easy navigation and music discovery.

University Marks Management System | Node.js, Express, JWT, MongoDB, React, HTML, CSS, MUI | Frontend Repo | Backend Repo

- **Role-Based Access and User Management** :- Implemented role-based access control for HODs, Professors, and Students, allowing tailored access and management functionalities. HODs manage Professors and Students, while Professors handle subject-related tasks.
- **Academic Management** :- Automated subject allocation to Professors and student progress tracking, enabling Professors to update and manage student results.
- **Student Access** :- Provided students with easy access to their academic results for different semesters.
- **Secure Authentication** :- Implemented JWT token-based authentication and password recovery via email verification for secure and convenient user access.


Exam Scheduler | Node.js, Express, React, HTML, CSS, MUI | Frontend Repo | Backend Repo

- **Graph Theory Application** :- Applied graph theory principles to solve complex scheduling problems, showcasing practical mathematical applications.
- **Scheduling Management** :- Identified and managed conflicting exam schedules, ensuring a smooth examination process with customizable exam dates and time slots.
- **Exam Filtering** :- Enabled easy filtering of exams by subject name for streamlined searching.
- **User-Friendly Interface** :- Created an intuitive and interactive user interface using React, HTML, CSS, and Material-UI components, including effective error handling and pop-up notifications.

Social Engagements

 <https://www.linkedin.com/in/manish-shaw-b07476291/>

 <https://github.com/ManishIAF/>

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