

# Chandan Bag

7001776875 | cbag67612@gmail.com | <http://www.linkedin.com/in/cbag-98> | <https://github.com/chandanbag1999>

## Education

---

**Swami Vivekananda University**  
*B. Tech Computer Science and Engineering*

Barrackpore, WB  
2022 – 2025

**Pailan Technical Campus**  
*Higher Secondary Education*

Pailan, South 24 PGS, WB  
2018 – 2021

## Experience | Build Projects

---

### MealLink | MongoDB, Express, React, Node.js, Twilio | GitHub

- Developed a Zomato-inspired food ordering app using Node.js, Express, and MongoDB, supporting multiple user roles.
- Created RESTful APIs for authentication, orders, reviews, and profile management.
- Integrated external services such as Google Maps for tracking, Twilio for notifications, and Cloudinary for media handling.
- Implemented security measures with JWT, bcrypt, and express-validator to protect user data.
- Optimized file management and debugging using Multer for uploads and morgan for logging.
- Structured the application for scalability with modular routing, session management, and centralized error handling.

### Authentication-App | MongoDB, Express, React, Node.js, OAuth | GitHub

- Built a standard Authentication App using MERN-stack, JWT for Authentication and Authorization
- Used OAuth and Firebase for Google login and storage
- Made recommendations on improvement based on analysis

### Next-Auth | NextJs, MongoDB, Node.js | GitHub

June 2024

- Built a standard Authentication App using NextJs and MongoDB
- Used JWT, bcryptjs for hashing and Node-Mailer for mail verification and Next-Auth for credentials

### Todo App | React, Local storage | GitHub

- Developed a Standard To-Do App Using React Context-API
- Improved User Experience by eliminating bugs

### BLOG APP | MongoDB, Express, Node.js | GitHub

- Built a dynamic blog using React that leverages React Router for seamless client-side navigation and dynamic content rendering.
- Created custom routes—including nested and parameterized routes—to efficiently handle multiple blog posts and pages, enhancing user experience.
- Integrated error handling for non-existent routes (404 pages) ensuring a robust and user-friendly interface.
- Utilized code-splitting and lazy loading techniques to improve application performance and maintainability.

## Technical Skills

---

**Languages:** HTML/CSS, JavaScript, Python, MongoDB

**Frameworks:** Express, Node.js, NextJs

**Libraries:** React

**Developer Tools:** Git, VS Code, Postman

## Languages

---

Bengali,  
English,  
Hindi