

# SHUBHANSHU MOHANTY

## Web Developer

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### ABOUT ME

BCA final-year student with a strong foundation in full-stack web development. Proficient in React.js and Django, with hands-on experience in building scalable and user-friendly applications. Passionate about problem-solving, learning new technologies, and contributing to impactful projects.

### EDUCATION

#### TILAK MAHARASHTRA VIDYAPEETH

2022-2025

Bachelor of Computer Application

#### S K SOMAIYA

2020-2022

Higher Secondary

#### SBM HIGHSCHOOL

Secondary (Class 10)

### TECHNICAL SKILL

**Programming Language:** • Python • Javascript • Core Java • C#

**Database:** • MySql • MsSql

**Framework/Library:** • React • Django • Django Rest Framework • Bootstrap

**Tools:** • Git • Postman

### PROJECTS

#### E-Commerce Application

[Github link](#)

Built this project to gain hands-on experience in React.js, improving my skills in state management, API integration, and UI development.

**Tech Stack:** MongoDB, Express.js, React.js, Node.js, RTK, Tailwind

- A full-fledged e-commerce platform with product listings, cart, and checkout functionality.
- Integrated secure authentication, user roles (admin & customer), and order management.

#### Recipe & Calorie Tracker

[Github link](#)

Built this application to strengthen my understanding of Django's workflow, including request handling, database interactions, and dynamic content rendering.

**Tech Stack:** Django, MySQL, Bootstrap

- A web application that suggests recipes based on available ingredients, providing step-by-step instructions and nutritional details.
- Integrated a calorie tracking system to help users monitor their daily intake.

#### AI-Powered Test System (In Progress)

[Github link](#)

Developed this project to gain hands-on experience with Django REST Framework (DRF) for API development, Django Channels for real-time communication, and payment integration for handling transactions securely.

**Tech Stack:** React.js, Django, Django REST Framework, Django Channels, MySQL, Tailwind, RTK

- A web-based test platform where admins can create MCQs, theory, and coding questions.
- Integrated AI-based answer evaluation with manual review for low-scoring responses.
- Secure exam environment with a timer and tab-switch detection to prevent cheating.
- Real-time notifications using Django Channels to alert admins about rule violations
- Leaderboard system to track student progress and performance analytics.