Full Stack Development with MERN

AJ Works – Freelancing Platform

1. Introduction

- **Project Title:** AJ Works – Freelancing Platform

  AJ Works is a dynamic full-stack freelancing marketplace built using the MERN stack. It connects freelancers with clients across various industries, including creative design, development, content writing, and technical services. The platform focuses on simplifying project posting, bidding, communication, and delivery through an intuitive, user-friendly interface.

  The platform also supports real-time notifications, chat messaging, and a file-submission workflow, making collaboration seamless. AJ Works demonstrates practical implementation of complex multi-role systems, scalable backend design, and enterprise-level UI development.

2. Project Overview

- **Purpose:** The purpose of AJ Works is to create a digital ecosystem where clients and freelancers can collaborate professionally without external tools. It aims to provide a secure, efficient, and transparent freelancing environment inspired by platforms like Upwork and Fiverr.

3. Architecture

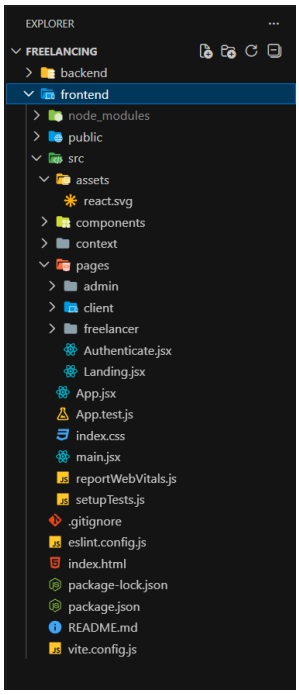
- **Frontend (React.js):** AJ Works uses React.js to build a modular, responsive, and interactive interface. Components include dashboards, project cards, proposal forms, chat UI, and notification panels. State is managed using Redux Toolkit or Context API.
- **Backend (Node.js + Express.js):** The backend follows a microservice-like modular architecture with separate controllers, middleware, and routing. Express.js handles REST API routing for authentication, projects, bids, chats, reviews, and admin operations.

4. Setup Instructions

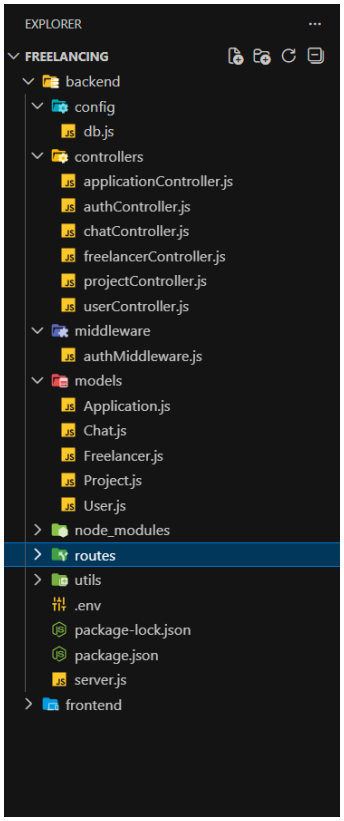
- **Prerequisites:**
  - Node.js v16+
  - npm / yarn
  - MongoDB Atlas or local MongoDB
  - Postman
  - VS Code
  - Git
- **Installation:**
  - cd frontend
  - npm install
  - cd ../backend
  - npm install

5. Folder Structure

- **Client:** React frontend.



- **Server:** Node.js backend.

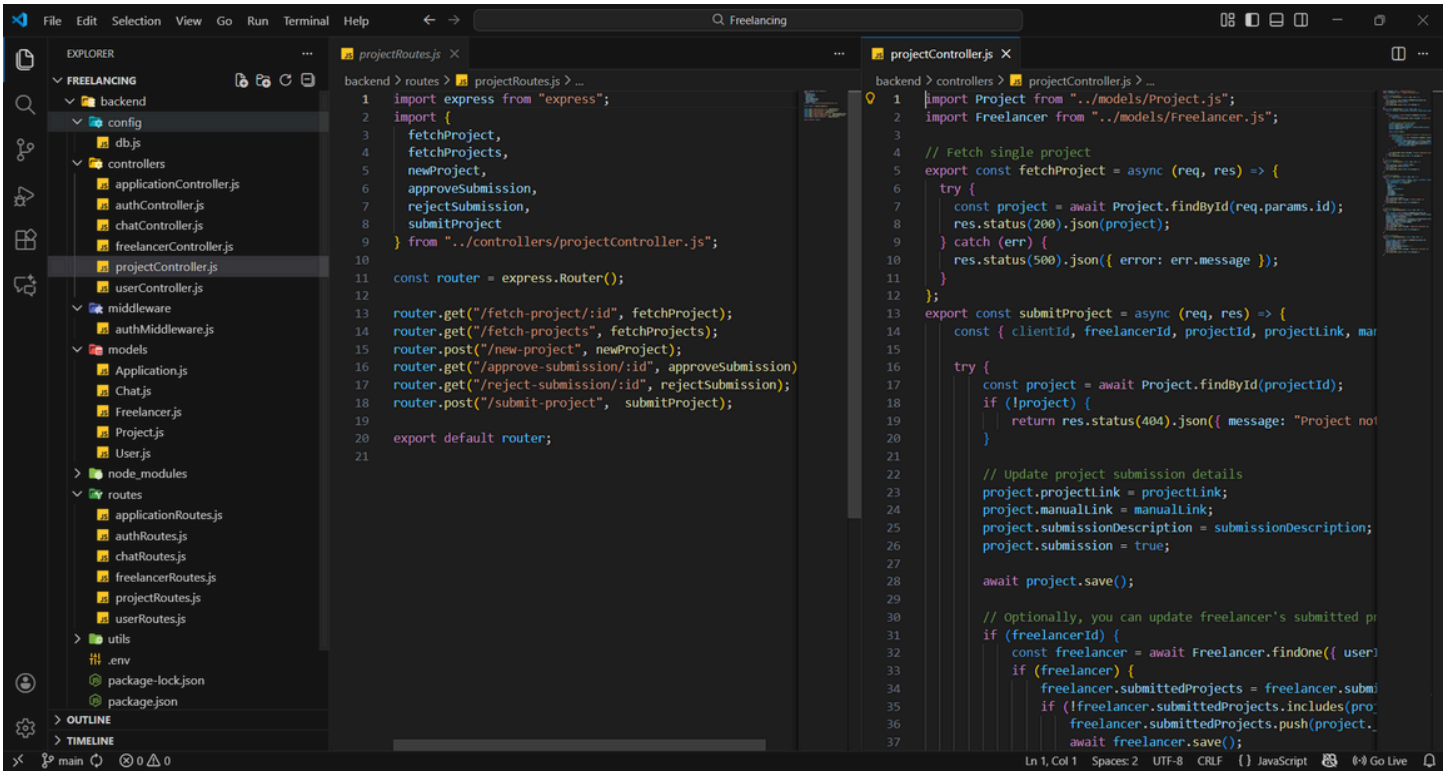


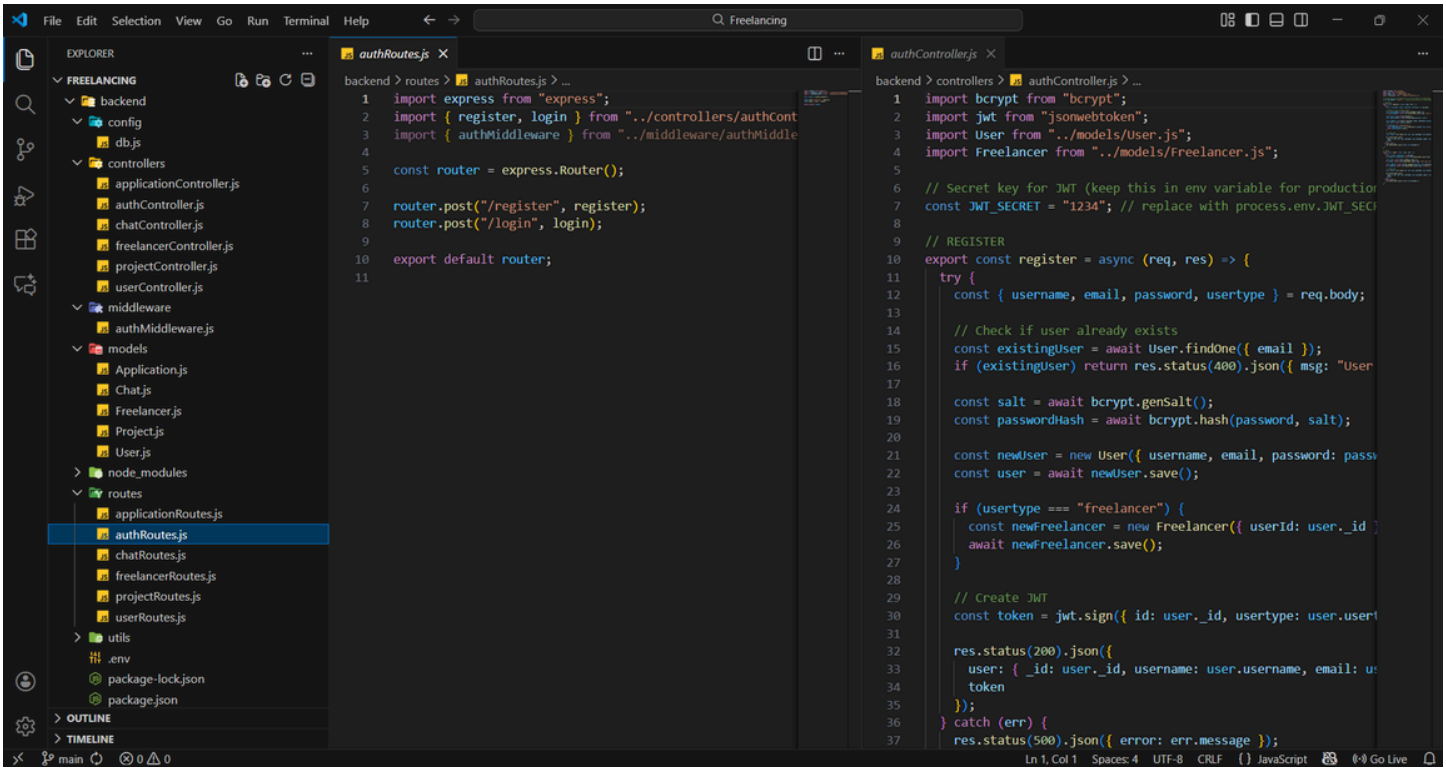
6. Running the Application

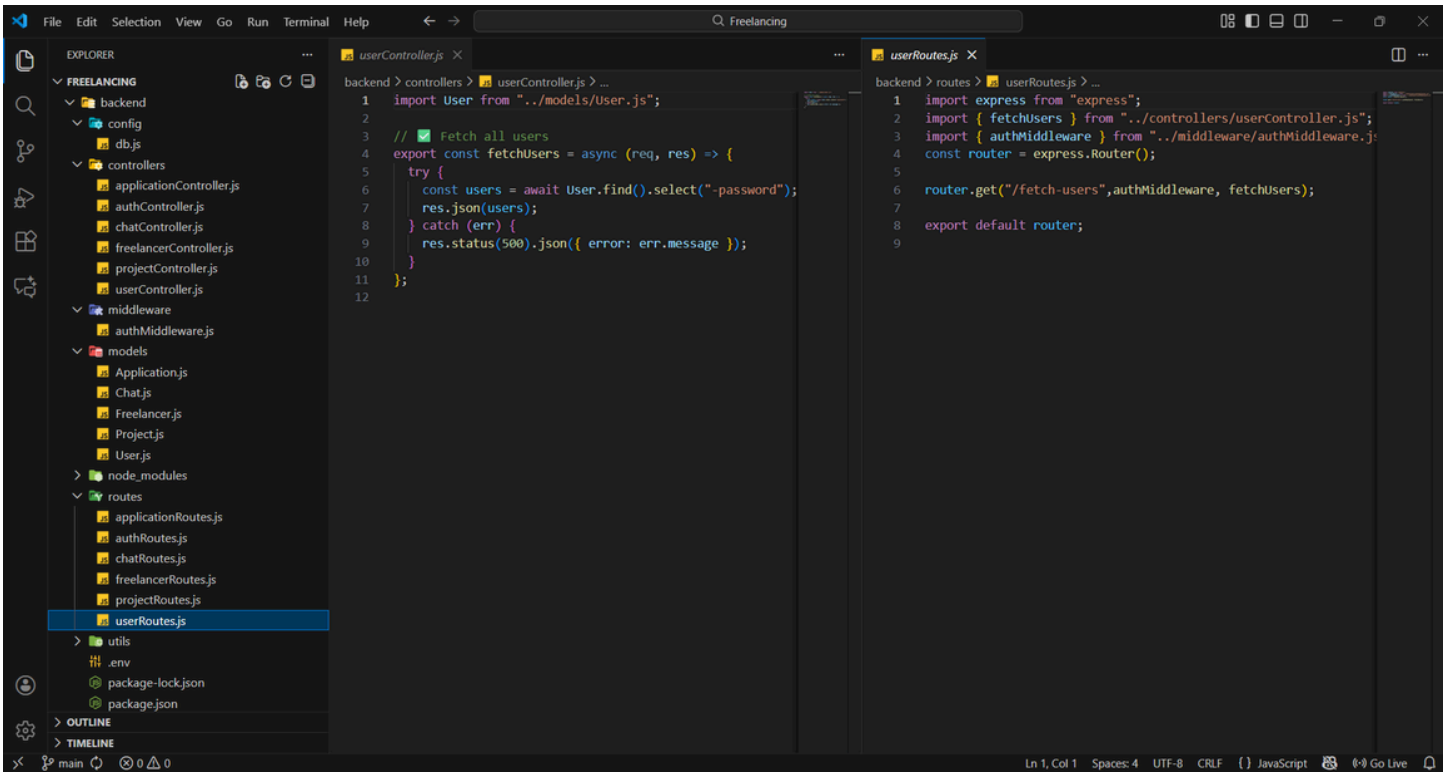
- **Frontend:** `npm start` in the client directory.
  - cd frontend
  - npm start
- **Backend:** `npm start` in the server directory.
  - cd frontend

- npm start

7. API Documentation

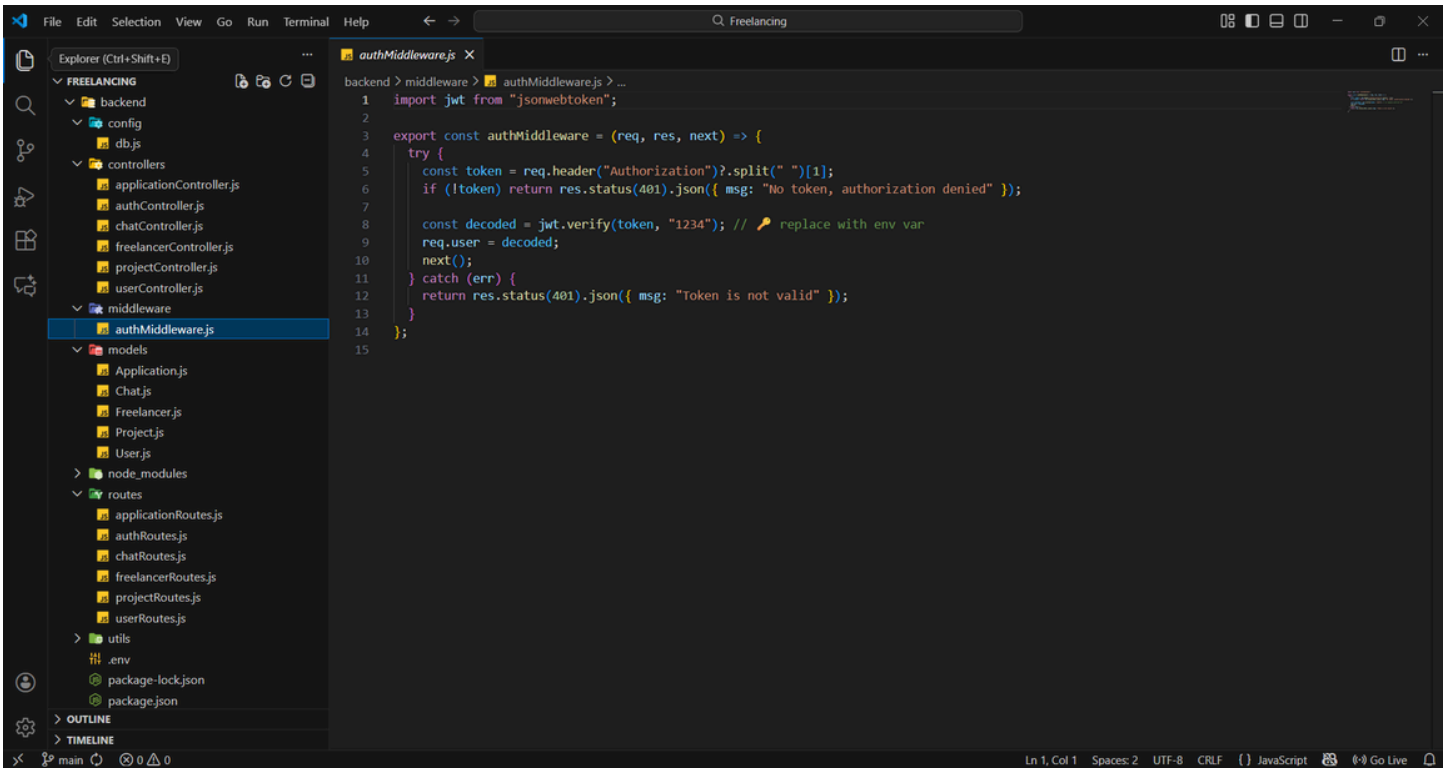






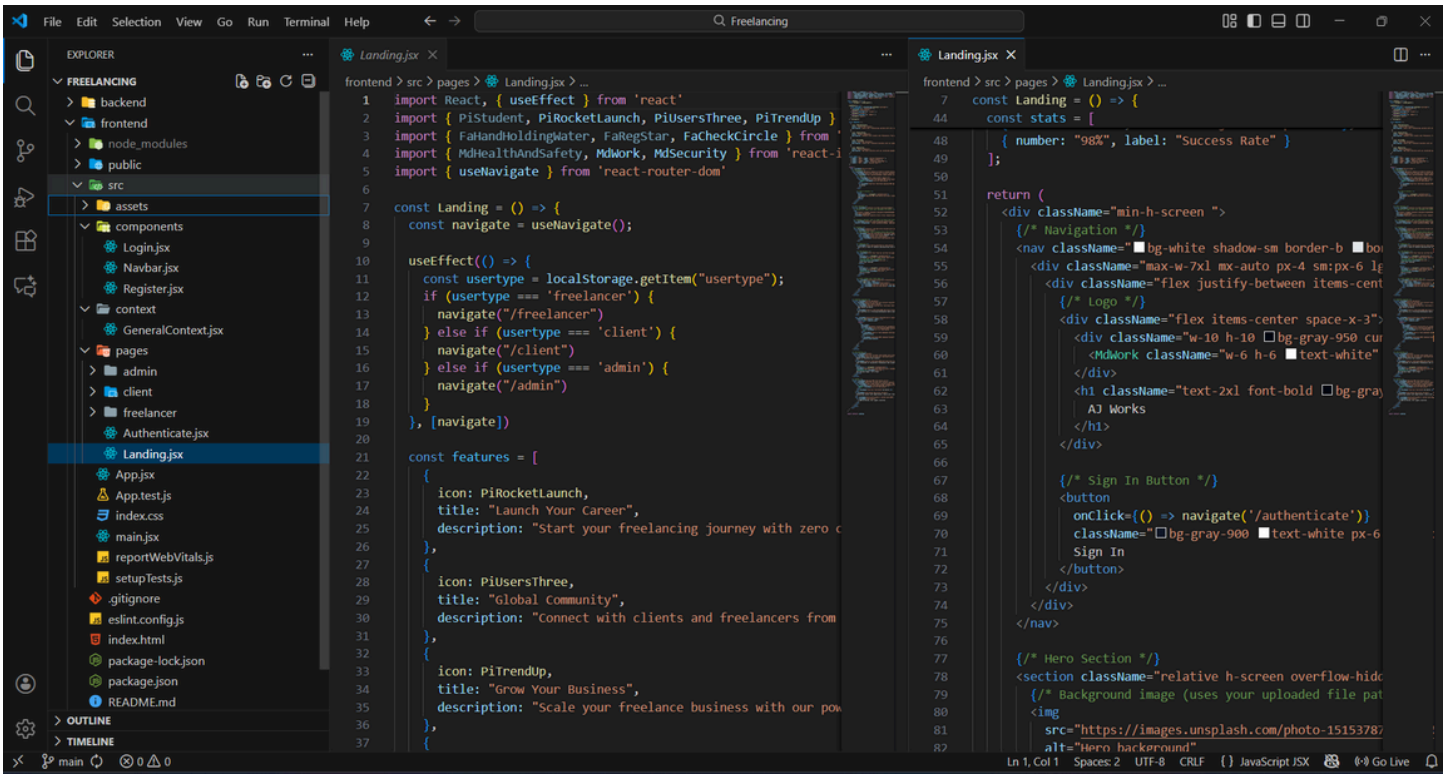
8. Authentication

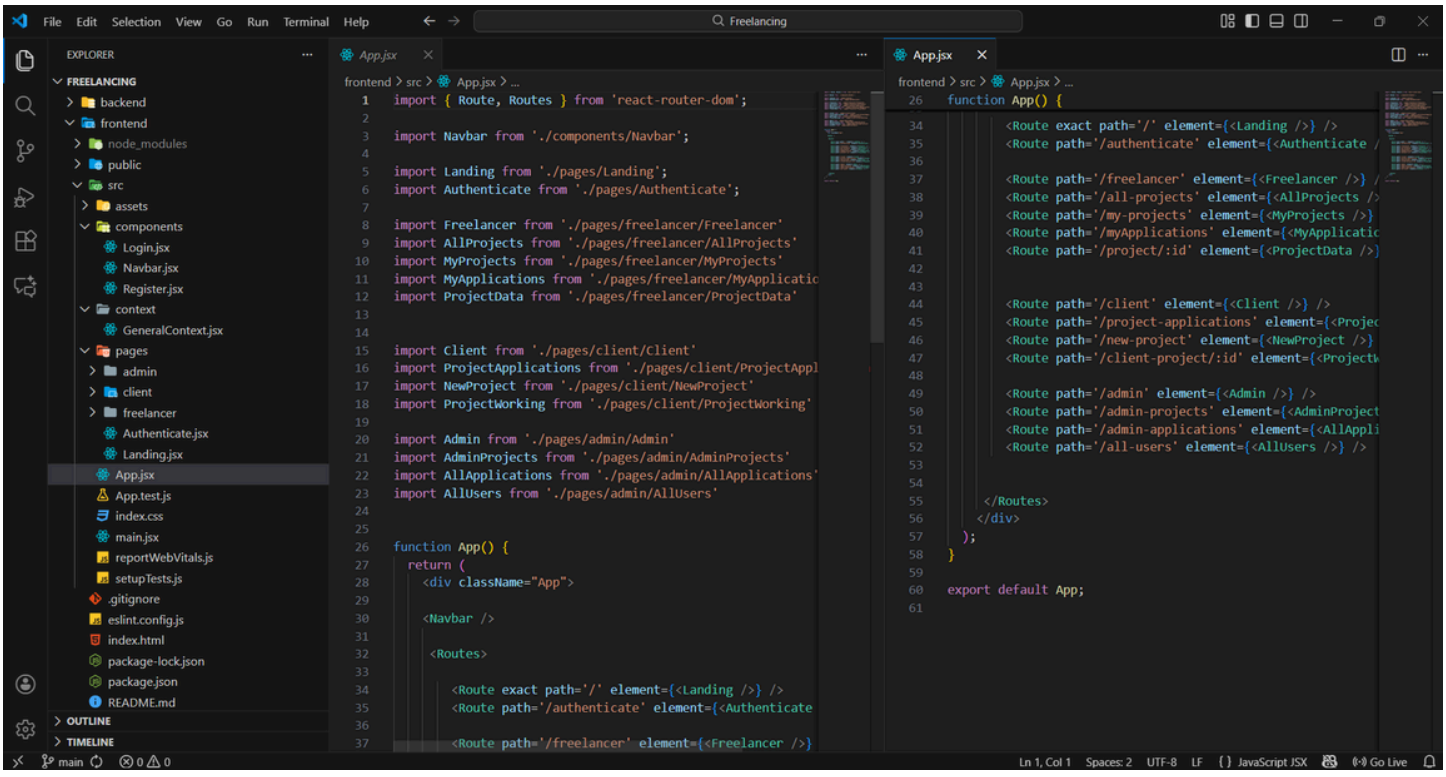
Authentication uses JWT tokens stored in secure cookies. Passwords are hashed using bcrypt. Middleware ensures each route allows access only to the correct role (Client / Freelancer / Admin). Admin routes are strictly protected, and suspicious activities are logged. Email verification can be optionally added.



9. User Interface

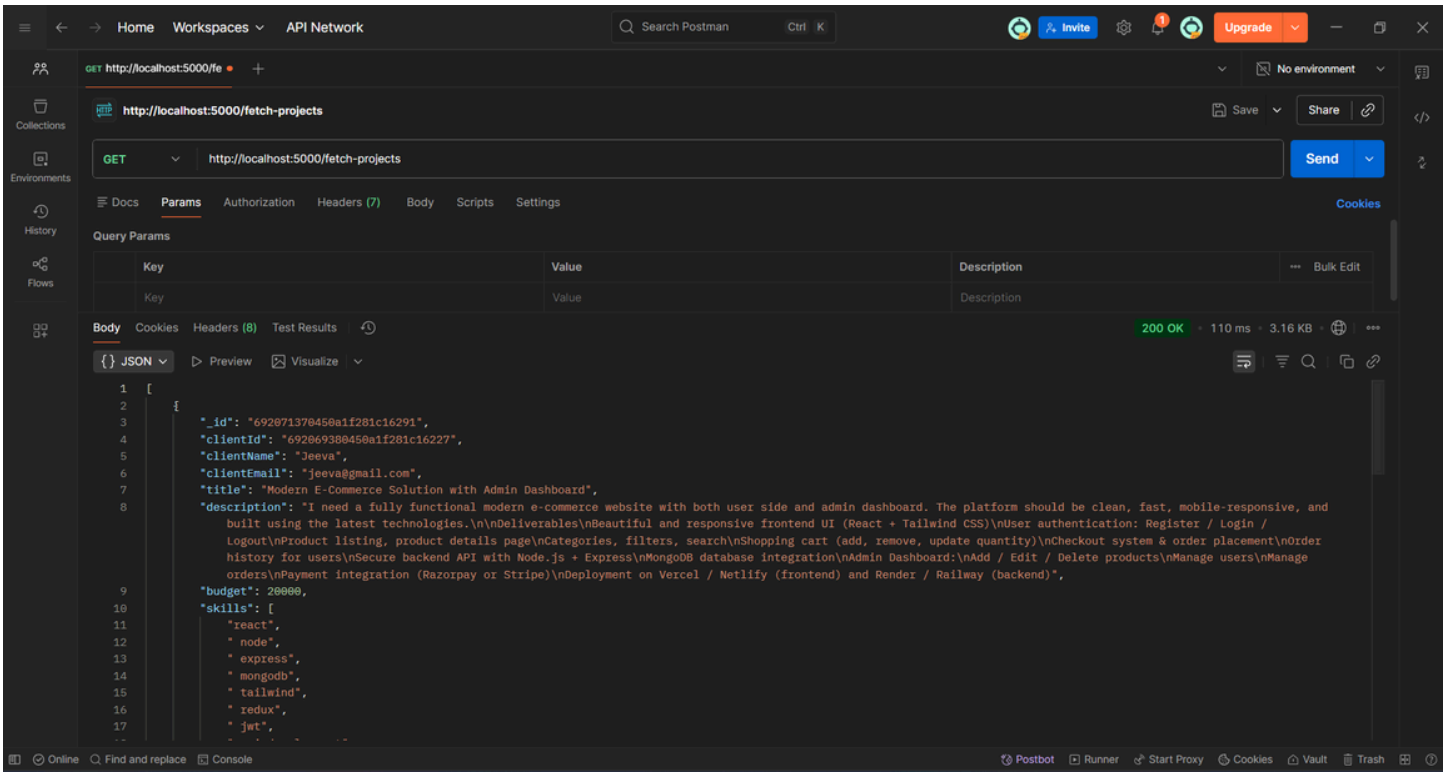
The UI includes a clean dashboard for clients and freelancers, project detail pages, bidding UI, chat windows, and file upload sections. React components are styled using Bootstrap or Material UI. UI consistency is maintained using reusable components and global styles. Mobile responsiveness ensures access on any device.



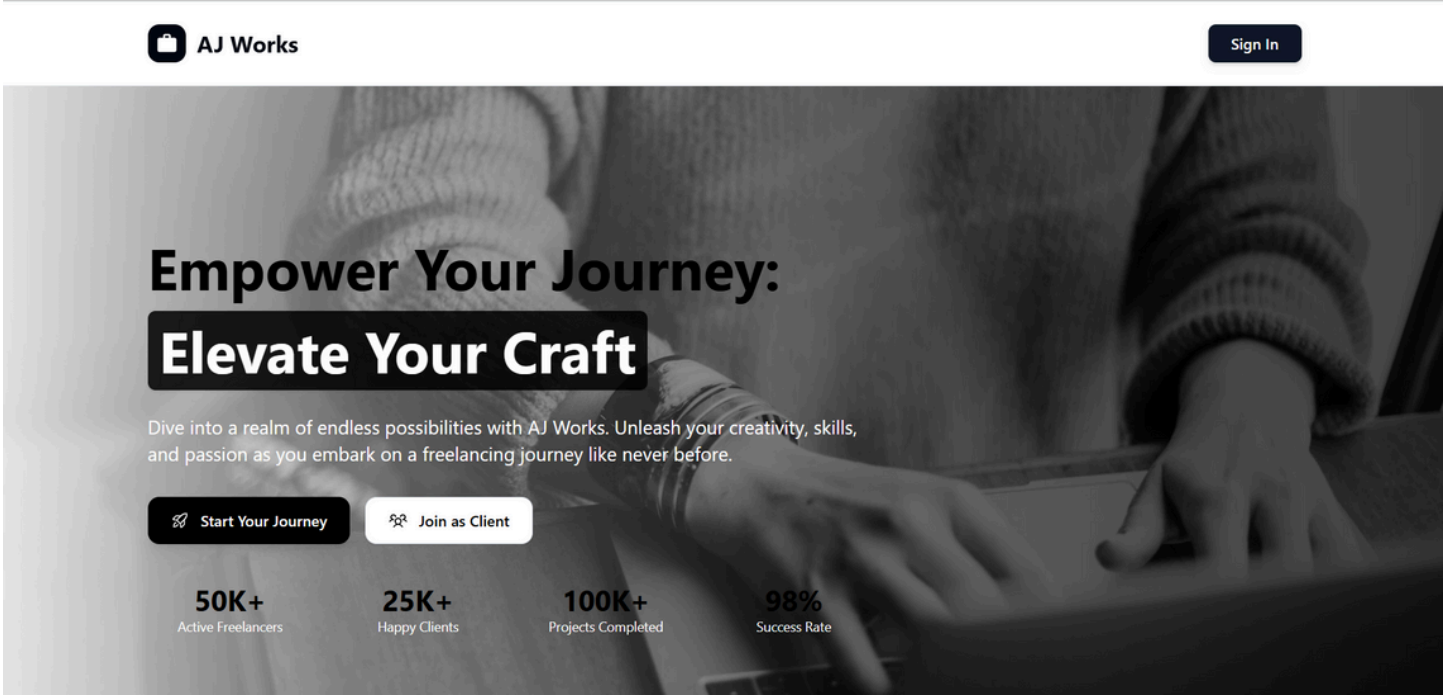


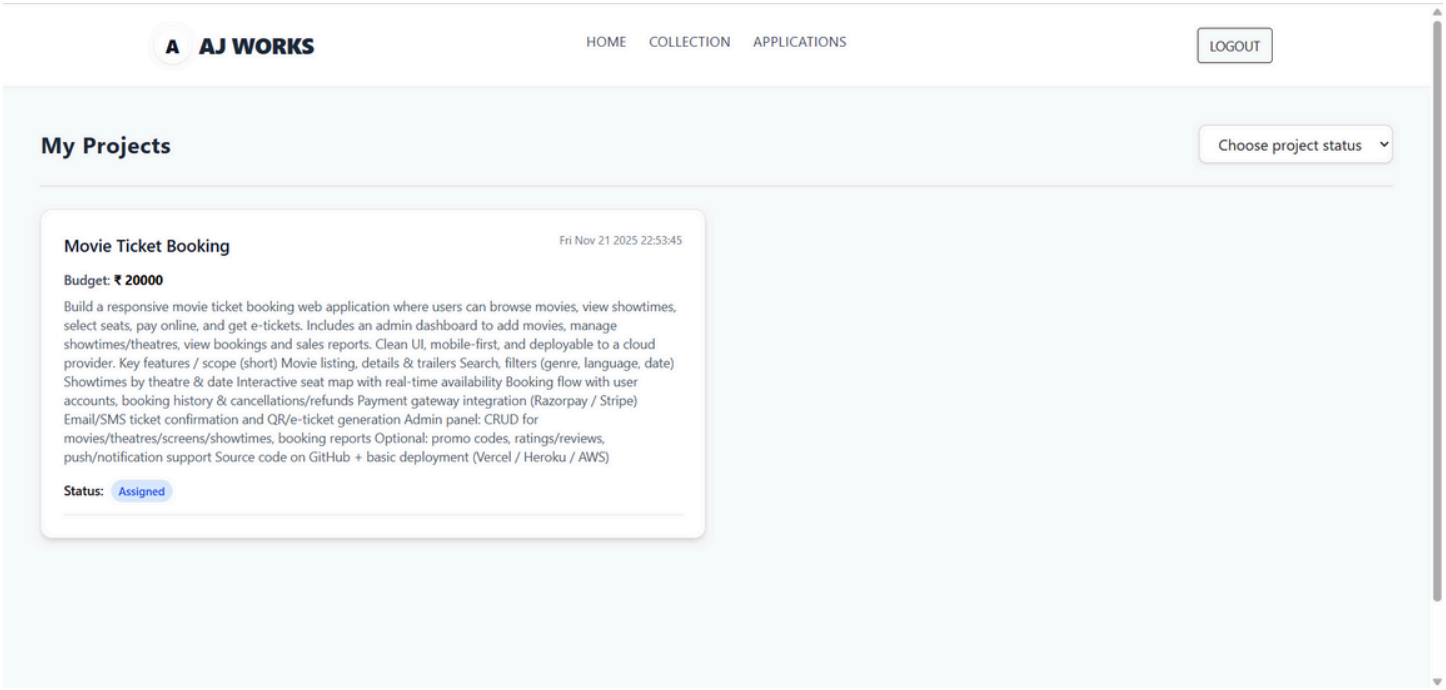
10. Testing

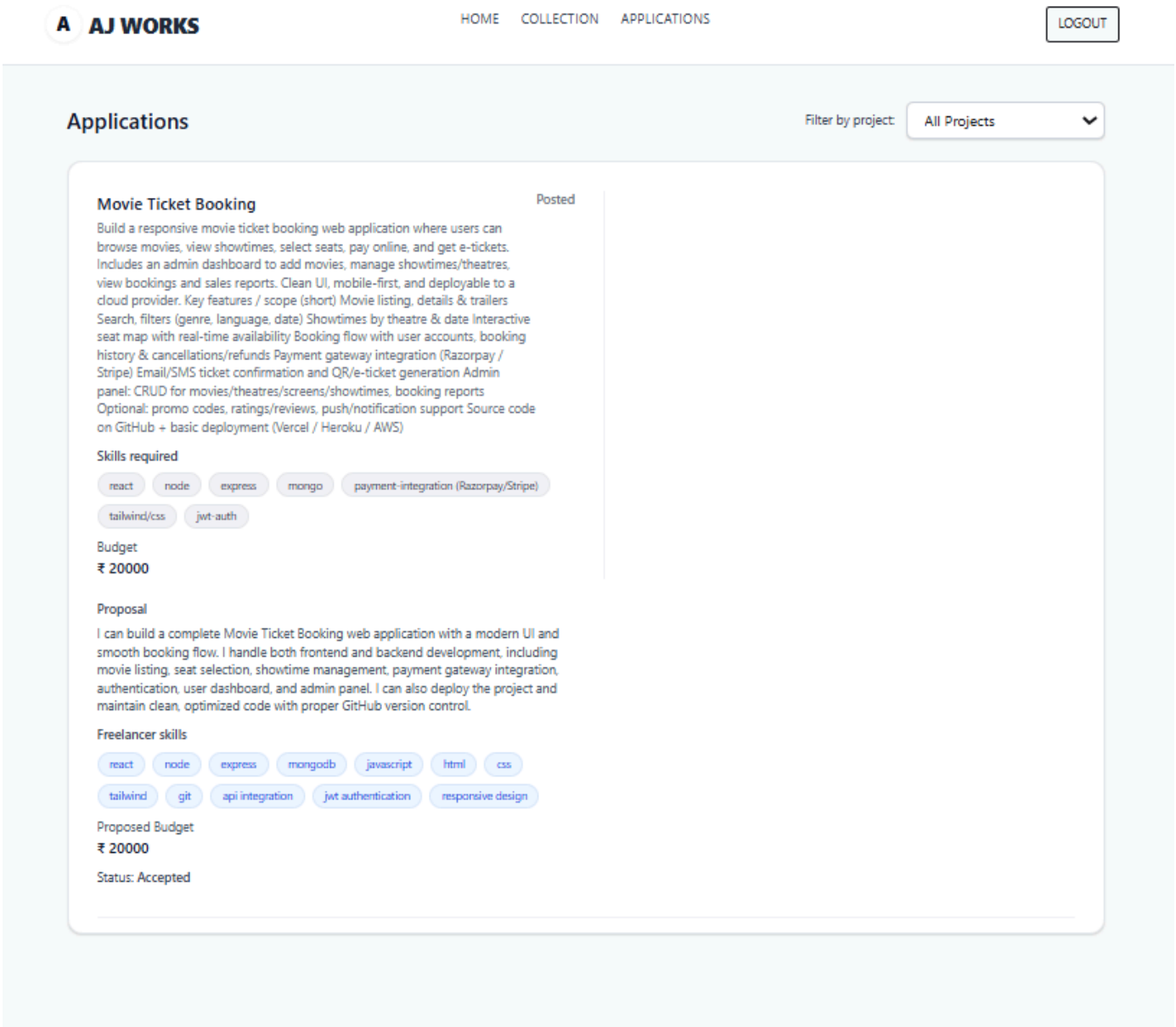
Testing includes manual testing with Postman for backend API endpoints like login, project creation, and bid submission. Frontend testing includes form validation, user flows, and dashboard navigation. Chat system testing ensures message syncing and real-time updates.

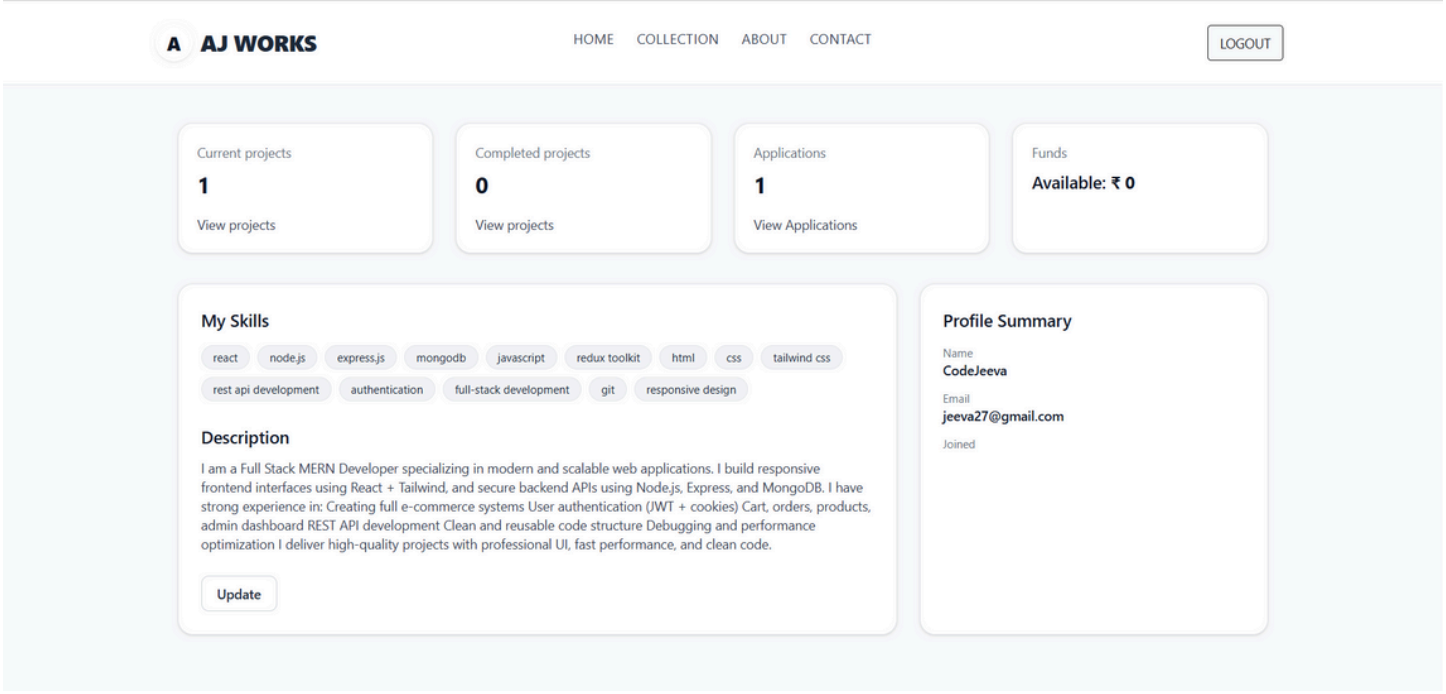


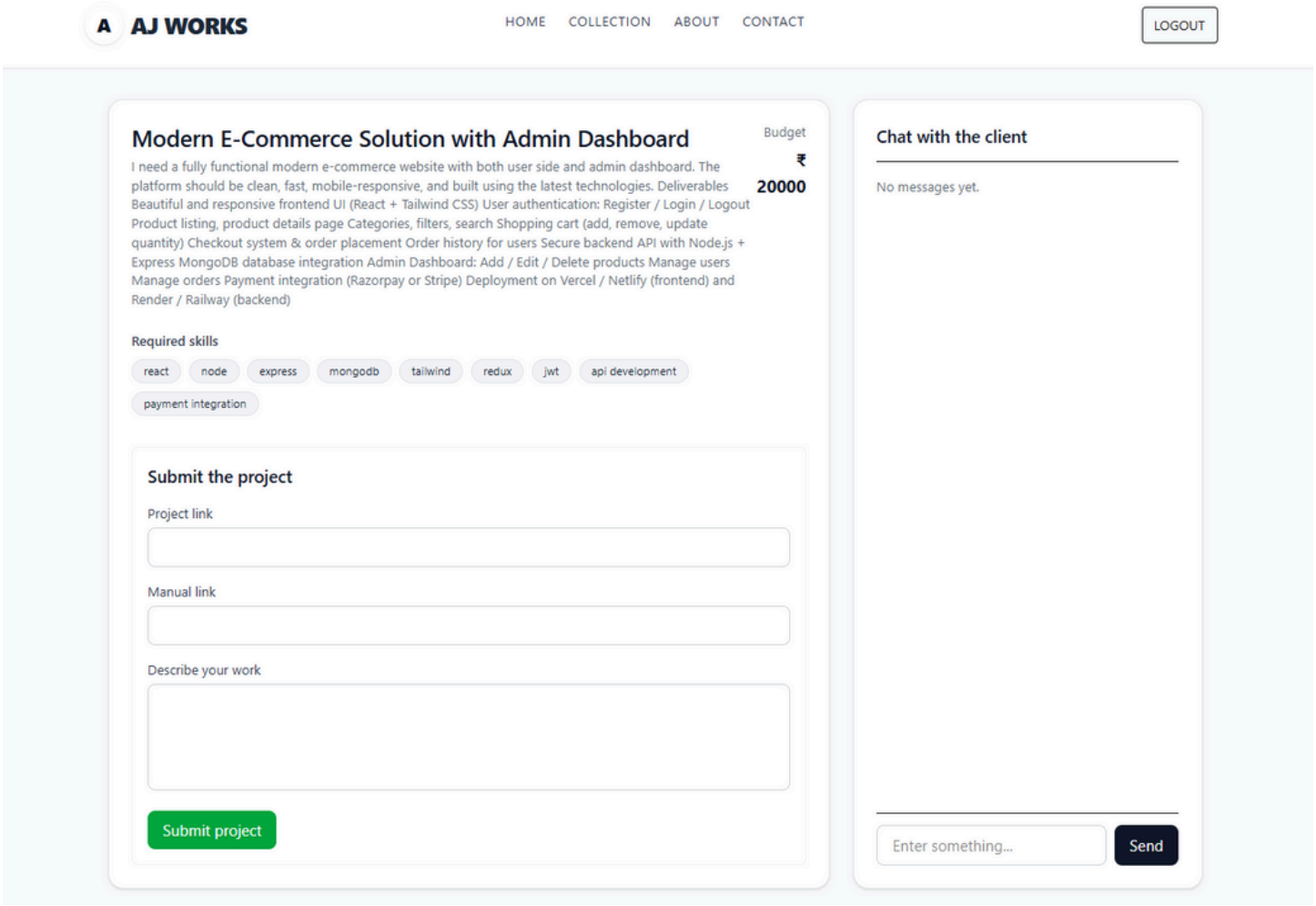
11. Screenshots or Demo

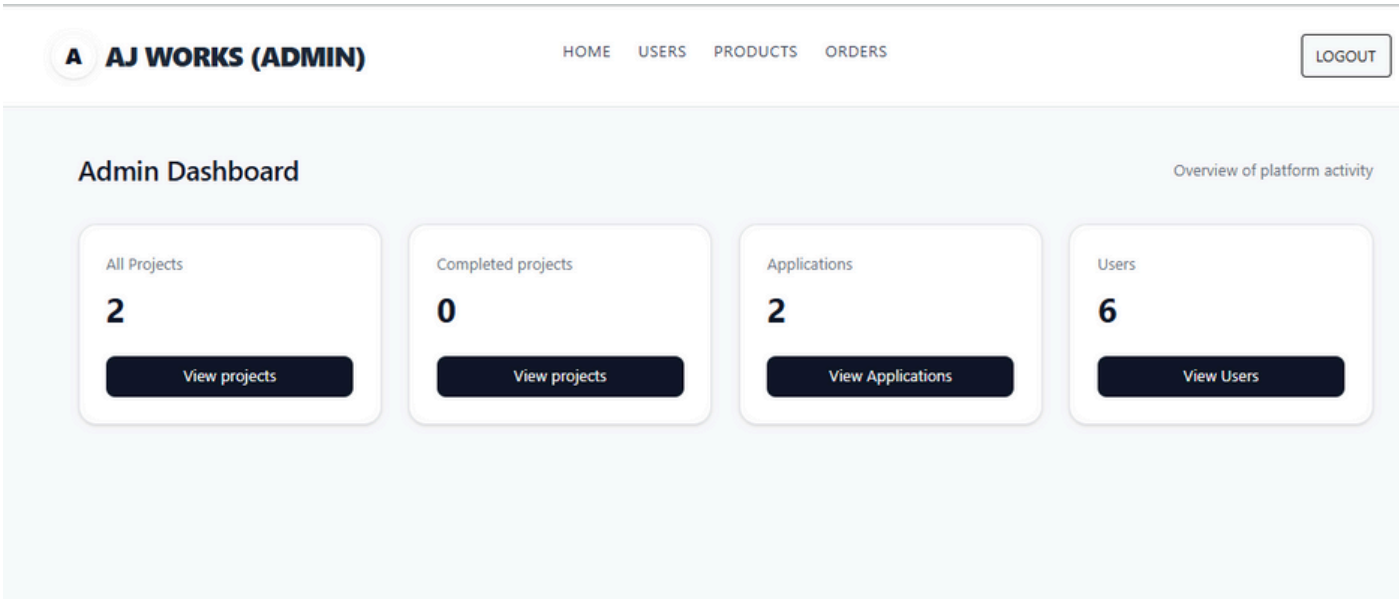


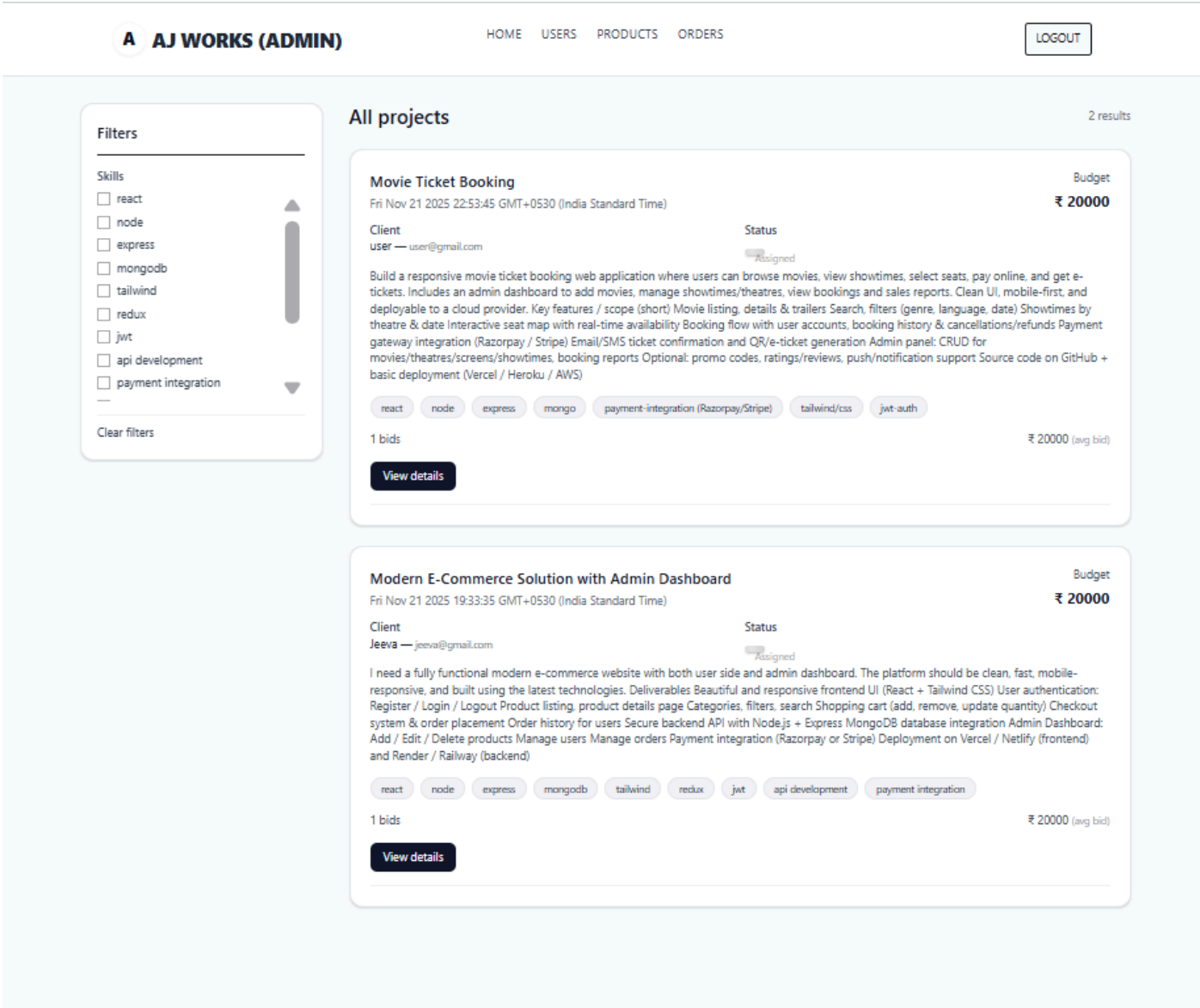

A AJ WORKS
HOME COLLECTION APPLICATIONS
LOGOUT
My Projects
Choose project status
Movie Ticket Booking
Fri Nov 21 2025 22:53:45
Budget: ₹ 20000
Build a responsive movie ticket booking web application where users can browse movies, view showtimes, select seats, pay online, and get e-tickets. Includes an admin dashboard to add movies, manage showtimes/theatres, view bookings and sales reports. Clean UI, mobile-first, and deployable to a cloud provider. Key features / scope (short) Movie listing, details & trailers Search, filters (genre, language, date) Showtimes by theatre & date Interactive seat map with real-time availability Booking flow with user accounts, booking history & cancellations/refunds Payment gateway integration (Razorpay / Stripe) Email/SMS ticket confirmation and QR/e-ticket generation Admin panel: CRUD for movies/theatres/screens/showtimes, booking reports Optional: promo codes, ratings/reviews, push/notification support Source code on GitHub + basic deployment (Vercel / Heroku / AWS)
Status: Assigned

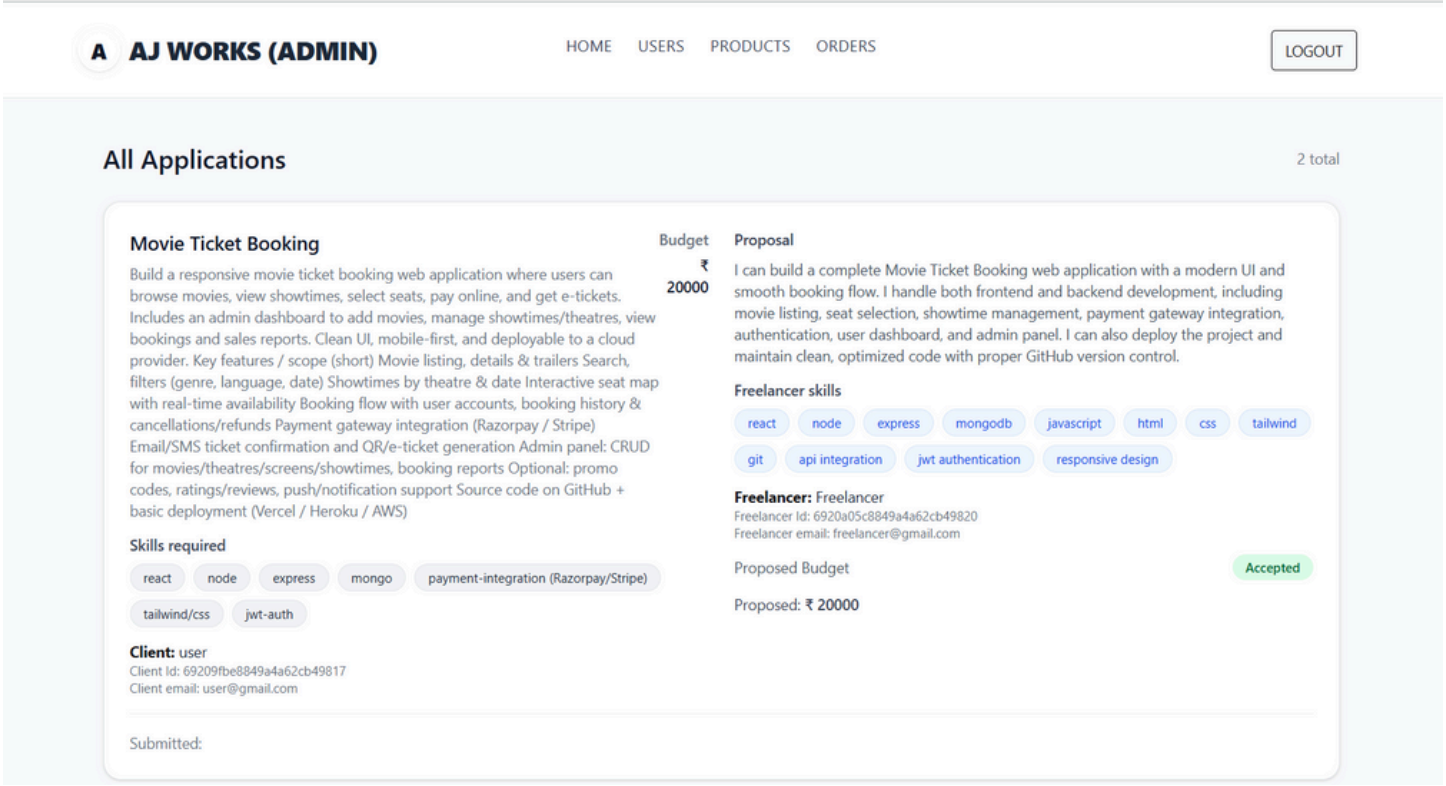

A AJ WORKS
HOME COLLECTION APPLICATIONS
LOGOUT
Applications
Filter by project: All Projects
Movie Ticket Booking
Posted
Build a responsive movie ticket booking web application where users can browse movies, view showtimes, select seats, pay online, and get e-tickets. Includes an admin dashboard to add movies, manage showtimes/theatres, view bookings and sales reports. Clean UI, mobile-first, and deployable to a cloud provider. Key features / scope (short) Movie listing, details & trailers Search, filters (genre, language, date) Showtimes by theatre & date Interactive seat map with real-time availability Booking flow with user accounts, booking history & cancellations/refunds Payment gateway integration (Razorpay / Stripe) Email/SMS ticket confirmation and QR/e-ticket generation Admin panel: CRUD for movies/theatres/screens/showtimes, booking reports Optional: promo codes, ratings/reviews, push/notification support Source code on GitHub + basic deployment (Vercel / Heroku / AWS)
Skills required
react
node
express
mongo
payment-integration (Razorpay/Stripe)
tailwind/css
jwt-auth
Budget
₹ 20000
Proposal
I can build a complete Movie Ticket Booking web application with a modern UI and smooth booking flow. I handle both frontend and backend development, including movie listing, seat selection, showtime management, payment gateway integration, authentication, user dashboard, and admin panel. I can also deploy the project and maintain clean, optimized code with proper GitHub version control.
Freelancer skills
react
node
express
mongodb
javascript
html
css
tailwind
git
api integration
jwt authentication
responsive design
Proposed Budget
₹ 20000
Status: Accepted


AJ WORKS
HOME
COLLECTION
ABOUT
CONTACT
LOGOUT
Current projects
1
View projects
Completed projects
0
View projects
Applications
1
View Applications
Funds
Available: ₹ 0
My Skills
react
node.js
express.js
mongodb
javascript
redux toolkit
html
css
tailwind css
rest api development
authentication
full-stack development
git
responsive design
Description
I am a Full Stack MERN Developer specializing in modern and scalable web applications. I build responsive frontend interfaces using React + Tailwind, and secure backend APIs using Node.js, Express, and MongoDB. I have strong experience in: Creating full e-commerce systems User authentication (JWT + cookies) Cart, orders, products, admin dashboard REST API development Clean and reusable code structure Debugging and performance optimization I deliver high-quality projects with professional UI, fast performance, and clean code.
Update
Profile Summary
Name
CodeJeeva
Email
jeeva27@gmail.com
Joined


AJ WORKS
HOME
COLLECTION
ABOUT
CONTACT
LOGOUT
Modern E-Commerce Solution with Admin Dashboard
Budget
₹
20000
I need a fully functional modern e-commerce website with both user side and admin dashboard. The platform should be clean, fast, mobile-responsive, and built using the latest technologies. Deliverables Beautiful and responsive frontend UI (React + Tailwind CSS) User authentication: Register / Login / Logout Product listing, product details page Categories, filters, search Shopping cart (add, remove, update quantity) Checkout system & order placement Order history for users Secure backend API with Node.js + Express MongoDB database integration Admin Dashboard: Add / Edit / Delete products Manage users Manage orders Payment integration (Razorpay or Stripe) Deployment on Vercel / Netlify (frontend) and Render / Railway (backend)
Required skills
react
node
express
mongodb
tailwind
redux
jwt
api development
payment integration
Submit the project
Project link
Manual link
Describe your work
Submit project
Chat with the client
No messages yet.
Enter something...
Send


AJ WORKS (ADMIN)
HOME
USERS
PRODUCTS
ORDERS
LOGOUT
Admin Dashboard
Overview of platform activity
All Projects
2
View projects
Completed projects
0
View projects
Applications
2
View Applications
Users
6
View Users


AJ WORKS (ADMIN)
HOME
USERS
PRODUCTS
ORDERS
LOGOUT
Filters
Skills
react
node
express
mongodb
tailwind
redux
jwt
api development
payment integration
Clear filters
All projects
2 results
Movie Ticket Booking
Budget
Fri Nov 21 2025 22:53:45 GMT+0530 (India Standard Time)
₹ 20000
Client
user — user@gmail.com
Status
Assigned
Build a responsive movie ticket booking web application where users can browse movies, view showtimes, select seats, pay online, and get e-tickets. Includes an admin dashboard to add movies, manage showtimes/theatres, view bookings and sales reports. Clean UI, mobile-first, and deployable to a cloud provider. Key features / scope (short) Movie listing, details & trailers Search, filters (genre, language, date) Showtimes by theatre & date Interactive seat map with real-time availability Booking flow with user accounts, booking history & cancellations/refunds Payment gateway integration (Razorpay / Stripe) Email/SMS ticket confirmation and QR/e-ticket generation Admin panel: CRUD for movies/theatres/screens/showtimes, booking reports Optional: promo codes, ratings/reviews, push/notification support Source code on GitHub + basic deployment (Vercel / Heroku / AWS)
react
node
express
mongo
payment-integration (Razorpay/Stripe)
tailwind/css
jwt-auth
1 bids
₹ 20000 (avg bid)
View details
Modern E-Commerce Solution with Admin Dashboard
Budget
Fri Nov 21 2025 19:33:35 GMT+0530 (India Standard Time)
₹ 20000
Client
Jeeva — jeeva@gmail.com
Status
Assigned
I need a fully functional modern e-commerce website with both user side and admin dashboard. The platform should be clean, fast, mobile-responsive, and built using the latest technologies. Deliverables Beautiful and responsive frontend UI (React + Tailwind CSS) User authentication: Register / Login / Logout Product listing, product details page Categories, filters, search Shopping cart (add, remove, update quantity) Checkout system & order placement Order history for users Secure backend API with Node.js + Express MongoDB database integration Admin Dashboard: Add / Edit / Delete products Manage users Manage orders Payment integration (Razorpay or Stripe) Deployment on Vercel / Netlify (frontend) and Render / Railway (backend)
react
node
express
mongodb
tailwind
redux
jwt
api development
payment integration
1 bids
₹ 20000 (avg bid)
View details



12. Known Issues

- Payment gateway not yet integrated
- Real-time chat could be further optimized
- Email notifications not implemented
- Dark mode not added yet
- Admin analytics dashboard in progress

13. Future Enhancements

- Integrate Stripe/Razorpay for payments
- Add video call option for client-freelancer meetings
- Improve search with AI suggestions
- Add skill tests and certifications
- Build mobile app version
- Add project milestone and invoice system