A project Report On

**Freelance Bidding Platform**

Name: More Karuna Shivaji

Type of Project: Web Technology

Technology: React.js, Node.js, Express, MongoDB (MERN Stack)

Date of Submission: 05-09-2025

**Table of Contents:**

1. Introduction
2. Project Objectives
3. Technologies Used
4. Features
5. Output Screens
6. Future Improvements
7. Conclusion

## 1. Introduction

The **Freelance Bidding Platform** (Mini Fiverr Clone) is a service-based marketplace where clients can post projects, and freelancers can bid on them. The application provides a secure way to manage user accounts, project postings, bids, and basic contract management. The aim is to simulate a simplified freelance portal that resembles platforms like Fiverr.

## 2. Project Objectives

The key objectives of the **Freelance Bidding Platform** are:

- To allow clients to create and manage project postings.  
- To enable freelancers to browse and bid on projects.  
- To provide authentication and role-based access (client/freelancer).  
- To facilitate communication and contracts between clients and freelancers.  
- To integrate mock payments using Stripe Test API (optional).

## Technologies

* Frontend: React.js, Vite, Axios, React Router, Context API, CSS
* Backend: Node.js, Express.js, JWT, bcryptjs, multer
* Database: MongoDB with Mongoose
* Other Tools: GitHub, npm, Postman (for API testing)

## Features

✔ User Authentication (Login/Register with JWT)  
✔ Role-based access (Client/Freelancer)  
✔ Project posting by clients  
✔ Freelancers can browse and bid on projects  
✔ Project detail pages  
✔ Simple messaging and contract acceptance  
✔ Stripe Test API integration

## 6. Future Improvements

- Add payment gateway integration with Stripe/PayPal.  
- Implement real-time chat system between clients and freelancers.  
- Create dashboards for clients and freelancers.  
- Add profile management for freelancers (skills, ratings, portfolio).  
- Deploy frontend and backend to cloud platforms.

## 7. Conclusion

The Freelance Bidding Platform successfully demonstrates a MERN-based application that integrates authentication, project posting, bidding, and role-based workflows. It provides a foundation for building a full-scale freelance marketplace with payments, ratings, and chat systems in future versions.