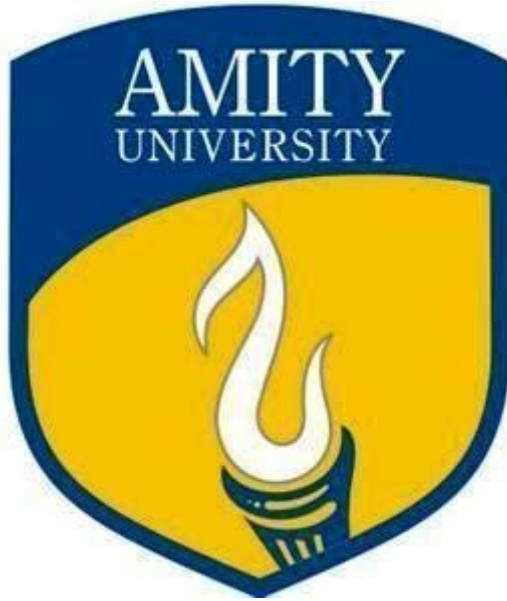


Amity University Haryana ASET 2023-26



***Project File: Summer Internship Branch Year:
2025-26 Session: 2023-2026***

Submitted by:

Submitted to:

Lovedeep

Form no. A50504823065

BCA – 3rd Year

Abstract for CCC

Introduction:

This internship project, conducted at Labmentix as an Web Developer, focused on developing a dynamic Online Marketplace for Freelancers, similar to Fiverr, using modern web development technologies. As a Web Developer intern, I was responsible for designing and implementing core features that support multi-role access, service listings (gigs), order management, and real-time communication between users.

Methodology:

The internship involved hands-on training in full-stack development using React.js, Tailwind CSS, Node.js, Express.js, MongoDB, and JWT for secure authentication. I also worked with tools like Stripe API for payments, Cloudinary for image handling, and Socket.io for real-time messaging.

Analysis & Discussion:

The project demonstrated a real-world application of e-commerce workflows, including role-based dashboards, CRUD operations for service gigs, gig search and purchase, and order tracking. The modular architecture and use of secure APIs ensured a scalable and maintainable system.

Learning Outcomes:

The internship highlighted the value of practical exposure to full-stack development, user authentication, real-time communication, and database design. It enhanced my skills in frontend and backend integration, API handling, and debugging complex web applications.

Conclusion:

This project underscores the importance of end-to-end development knowledge in building scalable web applications. It provided me with a strong foundation in modern web technologies and improved my ability to contribute to real-world software projects effectively.