

Atithi Accommodation Booking Platform

¹Mr. Harshad Padmakar Karan and ²Prof. Dr. V. J. Kadam

Student, Department of Information Technology¹

Assistant Professor, Department of Information Technology²

Dr. Babasaheb Ambedkar Technological University, Lonere, Dist. Raigad, (MS) India

Abstract: *The Atithi Accommodation Booking Platform is a full-stack web application developed to simplify and automate the process of property listing and accommodation booking. Inspired by platforms like Airbnb, it enables hosts to register and manage their property listings, while guests can securely browse, book, and manage accommodations online. The system integrates HTML, CSS, JavaScript, EJS, Node.js, Express.js, and MongoDB to provide a seamless and secure user experience. It incorporates user authentication, role-based access control, RESTful APIs, and middleware validation to ensure data security and reliability. Property and booking management modules allow real-time operations, while the modular architecture enhances scalability, maintainability, and future expansion. This platform effectively demonstrates the implementation of modern full-stack web development practices and provides a practical, efficient solution for digital accommodation management in today's evolving online ecosystem.*

Keywords: Atithi, Accommodation, Booking, Node.js, Express.js, MongoDB, EJS, Middleware, Authentication, Full-stack Development.

