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OpenGig: A Freelancing and Mentorship Platform for Personalized Learning

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Abstract: *The rapid growth of online learning and skill based freelancing has highlighted the need for a unified digital platform that enables users to seek mentorship and offer expertise simul- taneously. This paper presents OpenGig, a web based platform powered by Machine Learning techniques that connects learners with mentors or experts for short, personalized learning sessions. The system uses a hybrid recommendation model to suggest suitable mentors based on users' skills, previous interactions, and feedback. It also provides a secure session booking mechanism, integrated payment gateway, and feedback based reputation management. The proposed solution aims to support learners from diverse backgrounds while providing skilled individuals an opportunity to monetize their expertise. This paper discusses the system design, working methodology, and future enhancements toward intelligent matchmaking and scalability.*

Keywords: Freelancing, Mentorship, Machine Learning, Rec- ommendation System, Web Application, Personality Analysis

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