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Blockchain based Letter of Recommendation Verification System for Higher Studies

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Abstract



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Abstract:

A letter of recommendation (LOR) is one of the important metrics in determining a student's academic proficiency. It consists of the student's academic milestones and is validated by the student's professor which can be a key to pursuing higher studies in any reputed institution. It is required to be highly authentic and its evaluation is very uncompromising. A block-chain based LOR verification system has been proposed in this work. The student details are stored in the blockchain and the generation of a LOR is done with a secure hash key and is stored back in the block chain. External universities can examine the student's LOR, through a portal to access the block chain. With the secure hash key, the LOR with the student's professor's validation is observed. By the proposed method, transparency, security and authenticity in the process of generating the LOR and sending it to desired universities is maintained.

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