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D-BAME Distributed Blockchain-Based Anonymous Mobile Electronic Voting

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Abstract: *This paper reviews the current state of electronic voting (e-voting) systems that leverage React Native for cross-platform mobile development, Firebase for backend services, and blockchain technology for security and transparency. We analyze the technical architecture, security considerations, implementation challenges, and real-world applications of such systems. The integration of these three technologies offers promising solutions to traditional voting challenges including voter verification, ballot secrecy, result verification, and system integrity.*

Keywords: electronic voting

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