FAKE SOCIAL MEDIA PROFILE DETECTION AND REPORTING

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Ms. AKKAMAHADEVI C

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND ENGINEERING

At

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

BENGALURU

MAY 2025

PRESIDENCY UNIVERSITY

SCHOOL OF COMPUTER SCIENCE ENGINEERING

CERTIFICATE

This is to certify that the Project report **"FAKE SOCIAL MEDIA PROFILE DETECTION AND REPORTING"** being submitted by **"BALIJA RAKESH, ALLU PRAVALIKA, RAHUL POLDAS and LIKIHTH GANESH"** bearing roll number(s) **"20211CSE0058, 20211CSE0046, 20211CSE0019 and 20211CSE0120"** in partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in Computer Science and Engineering** is a bonafide work carried out under my supervision.

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DECLARATION

We hereby declare that the work, which is being presented in the project report entitled **FAKE SOCIAL MEDIA PROFILE DETECTION AND REPORTING** in partial fulfillment for the award of Degree of **Bachelor of Technology** in **Computer Science and Engineering**, is a record of our own investigations carried under the guidance of Ms. Akkamahadevi C, **Assistant Professor, School of Computer Science and Engineering, Presidency University, Bengaluru.**We have not submitted the matter presented in this report anywhere for the award of any other Degree.

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ABSTRACT

In the digital era, social media has become an essential part of personal and professional interactions. However, the rapid growth of these platforms has also led to the proliferation of fake social media profiles, posing a serious threat to online security and trust. These fraudulent accounts are often created for malicious activities such as identity theft, cyber fraud, misinformation dissemination, and cyberbullying. The presence of such profiles undermines the integrity of online communities and creates significant challenges for individuals, businesses, and law enforcement agencies.To combat this growing issue, our project proposes the development of an advanced application software designed to detect and report fake social media profiles. The application will leverage machine learning algorithms, behavioral analysis, and network pattern detection techniques to identify suspicious activities and fraudulent profiles. Key features of the software will include real-time monitoring, automated detection mechanisms, and a reporting system that enables law enforcement agencies, including crime branches, to take timely action against these deceptive entities.The core functionality of the software will revolve around analyzing various indicators such as profile behavior, content authenticity, friend network analysis, and engagement patterns. By applying advanced AI-driven methodologies, the system will differentiate between genuine and fake profiles with high accuracy. The tool will also incorporate user feedback and crowd-sourced reporting to enhance detection efficiency.