**A PROJECT REPORT ON**

**SECURING AND AUTHENTICATING ELECTRONIC HEALTH RECORDS THROUGH BLOCKCHAIN TECHNOLOGY**

SUBMITTED TO

SCHOOL OF CSIT, SYMBIOSIS SKILLS AND PROFESSIONAL UNIVERSITY

KIWALE, PUNE IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE AWARD OF THE DEGREE

**BACHELOR OF TECHNOLOGY**

**(Computer Science and Information Technology – Cyber Security)**

**BY**

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| --- | --- |
| Rushikesh Shinde | PRN No.: 2001106064 |
| Anish Zaveri | PRN No.: 2001106041 |
| Saad Mujawar | PRN No.: 2001106043 |
| Rohit Kadganche | PRN No.: 2001106076 |

**Under the guidance of**

**Dr. Anita G Khandizod**

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**SCHOOL OF CSIT, SYMBIOSIS SKILLS AND PROFESSIONAL UNIVERSITY ENGINEERING**

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**SCHOOL OF CSIT, SYMBIOSIS SKILLS AND PROFESSIONAL UNIVERSITY, KIWALE, PUNE - 412101**

**CERTIFICATE**

This is to certify that the project titled

**SECURING AND AUTHENTICATING ELECTRONIC HEALTH RECORDS THROUGH BLOCKCHAIN TECHNOLOGY**

Submitted by

|  |  |
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| Rushikesh Arjun Shinde | PRN No.: 200110606 |

is a bonafide work carried out by him under the supervision of **Dr. Anita G Khandizod** and it is submitted towards the partial fulfillment of the requirement of Symbiosis Skills and Professional University, Pune for the award of the degree of Bachelor of Technology (Computer Science and Engineering – Cyber Security)

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| **Dr. Anita G Khandizod** | **Dr. Vijaykumar Bidve** |
| Project Guide / Mentor | Project Coordinator |
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| **Dr. Aaradhana Deshmukh** |  |
| Director |  |

Place: Pune

Date: 08/05/2024

**DECLARATION**

We, the team members

|  |  |
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| **Name** | **PRN No.** |
| Rushikesh Shinde | 2001106064 |
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Hereby declare that the project work incorporated in the present project entitled **“Securing and Authenticating Electronic Health Records through Blockchain Technology”** is original work. This work (in part or in full) has not been submitted to any University for the award or a Degree or a Diploma. We have properly acknowledged the material collected from secondary sources wherever required. We solely own the responsibility for the originality of the entire content.

Date: 08/05/2024

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| Name |  | Signatures |
|  |  |  |
| Rushikesh Shinde | : | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Anish Zaveri | : | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
| Saad Mujawar | : | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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**Dr. Anita G Khandizod**

Project Guide / Mentor

Place: Pune

Date: 08/05/2024

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**EXAMINER’S APPROVAL CERTIFICATE**

The project report entitled “Securing and Authenticating Electronic Health Records through Blockchain Technology” submitted by Rushikesh Shinde (2001106064), Anish Zaveri (2001106041), Saad Mujawar (2001106043) and Rohit Kadganche (2001106076) in partial fulfillment for the award of the degree of Bachelor of Technology (Computer Science & Engineering – Cyber Security) during the academic year 2023-24 of School of CSIT, Symbiosis Skills and Professional University, Pune, is hereby approved.

Examiners:

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| --- | --- | --- |
|  | Name | Signature |
| 1. | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |
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**ACKNOWLEDGEMENT**

It gives me a great sense of pleasure to present the report of the final year project titled “**Securing and Authenticating Electronic Health Records through Blockchain Technology**” undertaken for partial fulfillment of the requirement for the award of Bachelor of Technology Degree (Computer Science and Information Technology – Cyber Security). I owe special debt of gratitude to my Project Coordinator **Dr. Vijaykumar Bidve**, Associate Professor, Symbiosis Skills and Professional University, Kiwale, Pune for his constant support and guidance throughout the course of my work.

My deepest thanks to my Project Guide **Dr. Anita G Khandizod**, Associate Professor, Symbiosis Skills and Professional University for guiding me through the entire process of my project and correcting, giving valuable insights with attention and care.

I also take the opportunity to acknowledge the contribution of Prof. Jaimala Director, SCRIET CCS University, Meerut and Mr. , Assistant Professor & Co-ordinator Department of Information Technology SCRIET, Meerut for his full support and assistance during the development of the project.

I also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind assistance and cooperation during the development of my project.

Last but not the least, I acknowledge my friends for their contribution in the completion of the project.