



Chirag Date

Nationality: Indian **Date of birth:** 02/10/2001 **Gender:** Male

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ABOUT ME

I am a dedicated and driven Computer Science student with a strong passion for programming and technology. Through my studies and personal projects, I have developed a deep understanding of algorithms and programming languages such as C, Java.

I am a quick learner with excellent problem-solving skills and a keen eye for detail.

I am excited to bring my skills and enthusiasm to a new opportunity in the field of Computer Science and look forward to contributing to innovative projects and solutions.

EDUCATION AND TRAINING

Secondary School Certificate

Maharashtra State Board of Secondary and Higher Secondary Education [01/03/2017]

City: Pune

Country: India

Website: www.mahahsscboard.in

Final grade: 90.00%

Link: <https://drive.google.com/file/d/1KHd45uVqWGuX6dp2FEixODJVLbggFKPn/view?usp=sharing>

Higher Secondary School Certificate

Maharashtra State Board of Secondary and Higher Secondary Education [01/02/2019]

Country: India

Final grade: 79.23 %

Link: <https://drive.google.com/file/d/1BQbmOIRq9yHOBME0Ow3jaCEADEMjgO6f/view?usp=sharing>

Bachelor of Technology in Computer Engineering

Dwakadas Jivanlal Sanghvi College of Engineering [01/08/2019 – Current]

Address: No.U-15, J.V.P.D. Scheme, Bhaktivedanta Swami Marg, Opp. Cooper Hospital, Vile Parle (West),
Mumbai-400 056, 400056 Mumbai (India)

Website: [https://www.djsce.ac.in/](http://www.djsce.ac.in/)

LANGUAGE SKILLS

Mother tongue(s): **Marathi**

Other language(s):

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Hindi

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Google Drive / Microsoft Word / Google Docs / Microsoft: Microsoft Word, Microsoft PowerPoint, Microsoft Outlook, Microsoft Teams / Social Media / Organizational and planning skills

PROJECTS

Tracking As A Service

[01/08/2022 – 15/05/2023]

Tracking Service for a supply chain system with the help of blockchain technology for transparency and security. Technologies used were Solidity, HTML, CSS, JS, Angular, Django, SQLite.

Link: https://drive.google.com/file/d/1YTouu_xWArYAS-475Aojfmb8uJp19Xvy/view?usp=sharing

Library Management System

A Library Management System is a software application designed to automate and manage the daily operations of a library. Technologies used were Java Swings and Applets along with MYSQL database.

Home Design using AR

[01/08/2022 – 01/05/2023]

The challenge for interior designers is to get stakeholders to understand how we want to display/view the furniture and colors in the room. The App uses AR technology to resolve this issue. Technologies used were C#, Unity, Django, Google Cloud.

PUBLICATIONS

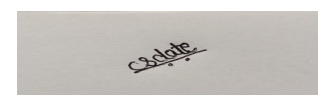
Secure Grayscale Image Encryption Using Symmetric Block Cipher with Enhanced Avalanche Effect

[2023]

International Research Journal of Engineering and Technology, Vol 10, Issue 09, Sept 2023, 718-723

The research paper introduced a secure method for encrypting grayscale images. The proposed algorithm uses a Symmetric Block Cipher in Electronic Code Book mode and divides images into 64-pixel blocks for encryption. Key generation incorporates prime numbers and character lists. The algorithm's unique combination of additive and multiplicative ciphers enhances unpredictability and diffusion, achieving an exceptional avalanche effect of 98.48%. It also maintained a flat histogram, ensuring a uniform distribution of pixel intensities.

Link: <https://colab.research.google.com/drive/14CEAcosREZMzZuxL1uH7IsWrb9dZhVhm>



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