

Anudit Nagar

Full Stack Blockchain and Web Developer, Researcher.

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INTRODUCTION

Bachelor of Technology, Computer Engineering Student, with working knowledge on multiple, cross platform projects as a lead full stack developer around JavaScript, Python, Solidity, C++. Pursuing research and development in the field of distributed systems, federated learning, differential privacy and blockchain technology. Always trying to solve fundamental problems around me to make things better, breaking barriers, creating something new.

EDUCATION

- **Bennett University, Greater Noida, India** 2018-2022
Bachelor of Technology, Computer Science.
Best Computer Science Project of the Year 2018 and 2019
- **Somerville School, Noida, India** 11th - 12th Grade (93% Agg)
Physics, Chemistry, Mathematics, Computer Science, English.
President, Computer Society. Student Council Member.
- **Global Indian International School, Queenstown, Singapore** 9th - 10th Grade
Physics, Chemistry, Mathematics, Computer Science, English - (10 CGPA)
APJ Abdul Kalam Award for Academic Excellence

EXPERIENCE

- **Syracuse University, New York** – *Research Intern*
Researching on Distributed Systems, Differential Privacy, Federated Learning and Blockchain Technology.
- **Build India Fellowship** – *Founder*
A Public goods accelerator with equity-free grants of upto \$10,000 for students who want to focus on building great things.
- **APOLLO Fellowship** – *Fellow*
Bitcoin and Protocol Labs help projects from Web3 to create an internet that is censorship resistant, user-controlled, and trustless.
- **GitCoin KERNEL Fellowship** – *Fellow*
KERNEL is an invite-only program for top tech talent building in blockchain and Web3 surrounded by leading mentors from the Web3 community.
- **Ginete Technologies, Noida** – *Blockchain Engineer*
Responsible for the designing and development of Ethereum based Cross-Platform Applications, Auditing Smart Contracts and detection of various vulnerabilities in smart contracts.

PROJECTS

Saarathi – *Solidity, Python, JavaScript*

An inclusive healthcare backbone for helping those in need of Financial or Medical support with decentralized & verifiable charities, donations, encrypted healthcare record storage accessible in over 12 Indian Regional Languages.

Libertas – *Solidity, JavaScript*

A Censorship Resistant Decentralized Social Network allowing users to create Videos, Live Streams, Articles, P2P calls giving users the power to monetize every second of their content, choosing the advertisements they want to show.

Multichain Swap – *Python, JavaScript*

A DApp enabling users to swap tokens across blockchains like Ethereum, Binance & EOS in an Atomic, Gasless and Seamless manner.

VoluntHere – *JavaScript*

Project that aims to provide a platform to individuals who are passionate for social work, it is a transparent and easy system to explore and understand various projects started by NGOs all over India.

Sentinel AI – *Solidity, Python, JavaScript*

A Blockchain based Decentralized AI ecosystem allowing any ML model to learn from local user data in a privacy-preserving manner, rewarding devices that help improve the accuracy of the global model.

Lockdown Network – *Python, JavaScript*

A decentralized Blockchain backed Privacy Network allowing users to share content across devices, helping users gain back control and of their data in a secure & federated manner

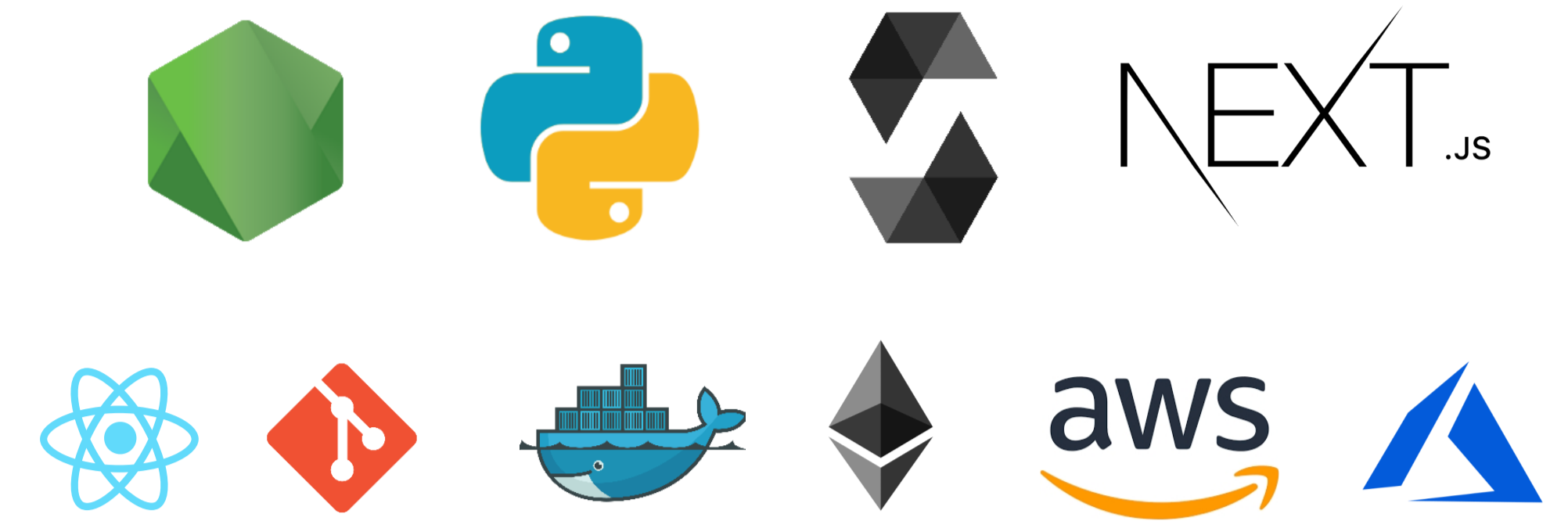
Attendr – *Python, JavaScript, Java*

A One-Shot Learning based facial recognition system with a dynamic QR code attendance system allowing for a seamless classroom experience.

Minute to Code – *JavaScript*

MTC aims to teach programming to all through an innovative interface that relates to the learners in real life, making sure that they learn something new even if they have just 5 minutes to spare.

COMPETENCIES



PUBLICATIONS

- **A Privacy-Preserving and Accountable Multi-agent Learning Framework**
20th International Conference on Autonomous Agents and Multiagent Systems - London-UK (Virtual) - May 2021
- **Privacy-Preserving Blockchain Based Federated Learning with Differential Data Sharing** Dec - 2019
arXiv:1912.04859

AWARDS AND HONOURS

- **ETHGlobal - Web3Weekend** 2021
Winner
- **EtherPunk** 2021
Global Winner
- **InOut 7.0** 2021
Winner
- **Post COVID Hack** 2020
Global Winner
- **ETH Global - HackFS** 2020
Global Winner
- **Covidathon - Decentralized AI** 2020
Global Winner
- **ETH India - Online, DeFi MoneyLegos, Chainrunner, DApp Jedi** 2020
4x Global Winner
- **Bennett Industry Project Showcase** 2019
Best Computer Science Project
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Best Computer Science Project
- **SOF – 17th National Cyber Olympiad** 2017
International Bronze Medalist
- **Dr. APJ Abdul Kalam Azad Award** 2016
All-Round Academic Excellence
- **Asian Regional Space Settlement Design Competition (ARSSDC)** 2016
Asian Finalist
- **Microsoft Imagine Cup** 2015
National Finalist
- **SOF – 15th National Cyber Olympiad** 2015
Zonal Gold Medalist with State Rank 1

CERTIFICATIONS

- **Microsoft** 2021
Azure, AI & Data Fundamentals (AI/AZ/DP900)
- **Amazon** 2021
Cloud Foundations, Application Developer
- **Consensys** 2020
Blockchain Developer Program Scholarship
- **Harvard University** 2019
HarvardX – CS50 Computer Science
- **IBM** 2019
Blockchain Essentials