

Nikil Sri Shen R

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EDUCATION

MEPCO SCHLENK ENGINEERING COLLEGE

BE COMPUTER SCIENCE AND ENGG.

Cum. GPA: 8.19 / 10.0

Apr 2024 | Sivakasi, TN

VELAMMAL VIDYALAYA VIRAGANOOR

HSC

Percentage: 86.8 / 100

May 2020 | Madurai, TN

VELAMMAL VIDYALAYA VIRAGANOOR

SSLC

Percentage: 85.2 / 100

May 2018 | Madurai, TN

LINKS

Github:// [nikil-sri-shen](#)

LinkedIn:// [nikil-sri-shen](#)

Blog: // [blog-chain daily](#)

COURSEWORK

UNDERGRADUATE

Computer Networks and Security

Data Structures and Algorithms

Database Systems

Object Oriented Programming

Design Patterns

Free Open Source Software

Introduction to Machine Learning

IoT and Cloud

Operating Systems

Programming with Java

Web User Interface Design

SKILLS

PROGRAMMING

Languages:

• Java • C • C++

• Javascript

Web Dev:

• React.js • Node.js • HTML • CSS •

Tailwindcss

Databases:

• MySQL • MongoDB

EXPERIENCE

CRYPTICOCEAN TECHNOLOGIES PVT. LTD.

WEB3 FULL STACK DEVELOPER

Apr 2024 - Present | Madurai, TN

- Led the design and implementation of a vesting contract on the Ethereum blockchain, leveraging Solidity for smart contract development.
- Wrote and deployed secure, efficient, and scalable smart contracts using Solidity, focusing on token vesting mechanisms.
- Developed the frontend using React.js and JavaScript to create a user-friendly interface for interacting with blockchain contracts.
- Built a robust backend using Node.js to handle server-side logic, including API integration with Ethereum nodes.

RESEARCH

MEPCO SCHLENK ENGINEERING COLLEGE

UNDERGRADUATE RESEARCHER

Jan 2023 – Present | Sivakasi, TN

I am working with Assistant Professor **Dr. Chandra Priya** to create **Real-time Monitoring, Tracking, and Certification of Vehicle Pollution Under Control with IoT and Blockchain**, a tool which automatically monitor and generate PUC certificates to the user without any human intervention. We have applied for patent for this work.

PROJECTS

WIKICHAIN: AN IMPROVED RESILIENT, PSEUDO-TRANSPARENT KNOWLEDGE BASE

June 2023 – May 2024 | Sivakasi, TN

WikiChain is a **decentralized knowledge-sharing platform** built on Ethereum and IPFS, **ensuring censorship resistance, transparency, and inclusivity**. It empowers global contributors to collaboratively create a democratic and resilient knowledge repository.

Project Github Link:// [WikiChain](#)

HOSPITAL MANAGEMENT SYSTEM USING JAVA AND MYSQL

Aug 2021 – Jan 2022 | Sivakasi, TN

The Hospital Management System is a Java-based application integrated with MySQL, designed to **efficiently manage patient records, appointments, and billings**. It streamlines hospital operations by providing a user-friendly interface for staff to handle daily administrative tasks.

Project Github Link:// [Hospital-Management-System-using-Java](#)

CERTIFICATES

- Earned badge on AWS cloud architecting from AWS Academy in Credly
- Ethereum and Solidity: The complete developer's guide from Udemy
- The complete 2023 Web Development Bootcamp from Udemy
- NPTEL certification on blockchain and its applications

STRENGTHS

• Quick Learner • Team Player • Leadership • Adaptability