

# Lokeshwaran Kannan

Github | Leetcode | Hacker rank | LinkedIn | lokesh95664@gmail.com | +91 9566435255

## EDUCATION

### KGISL INSTITUTE OF TECHNOLOGY

B.E COMPUTER SCIENCE AND ENGINEERING

Coimbatore, Tamil Nadu

CGPA : 7.32

## EXPERIENCE

### KGXPERIENCE | STUDENT MENTOR

Sep 2022 – Jan 2024 | Coimbatore, Tamil Nadu

- Designed and Constructed responsive web application using React, Express, Node.js and MongoDB, improve performance by 30%
- Optimized server response times by 5-10x by transitioning RESTful APIs from Flask to FastAPI.
- Led a team to create an intuitive user-facing website for MVC projects, increasing customer engagement by 25%.

## PROJECTS

### PROMPT-BASED IMAGE GENERATION | REACT.JS, NODE.JS,

OPENAI API, TAILWIND CSS, EXPRESS.JS, MONGODB

Jul 2024

- Developed a web application inspired by DALL-E, leveraging MERN stack, integrating the OpenAI API to generate 1000+ images per month.
- Enabled efficient data handling by implementing MongoDB to manage user-generated data, processing 5,000+ requests.

### GUEST ROOM APPLICATION | REACT, REDUX, TAILWIND CSS

NODE.JS, EXPRESS, MONGODB,

Feb 2025

- Spearheaded the development of a user-facing website for the MVC using React, resulting in a 50% decrease in page load times
- Created a system to convert Traditional Room Booking to Non SQL Databases improving the efficiency by 31%
- Utilized Redux for state management, optimizing data flow and ensuring consistent application state across 20+ components, improving app performance and scalability.

### WEB 3.0 ETHEREUM TOKEN EXCHANGE PLATFORM | REACT,

TAILWIND CSS, NODE.JS, ETHER.JS, WEB3.JS MONGODB,

Nov 2024

- Created a decentralized platform for seamless Ethereum token exchanges, supporting over 10,000+ transactions per month.
- Enables decentralized peer-to-peer token exchanges, ensuring secure and transparent transactions through the implementation of smart contracts.

### GOOGLE CALENDAR CLONE | JAVASCRIPT, HTML, CSS

Sep 2024

- Designed a sophisticated calendar application inspired by Google Calendar.
- Integrated local storage functionality using JavaScript's localStorage API, enabling seamless offline access and improving load times by 30%.
- Integrated robust date and time handling functionalities, recurring events, and reminders, to enhance user productivity by 40% and organization.

## SKILLS

### PROGRAMMING

Languages :

- C • Javascript • Python
- C++ • HTML • CSS • SCSS
- Java • Solidity

Framework :

- React.JS • Tailwind CSS • Node.js
- Express • MySQL • Flask • MongoDB
- Ether.js • Web3.js • Bootstrap

### VCS & BUILD TOOLS

- Git • Figma • Postman

### LANGUAGE

- English • Tamil

## ACHIEVEMENT

- 2023 2nd Web Designing
- 2023 3rd CSI Sponsored Hackathon
- 2023 3rd Prototype Presentation
- 2022 1st Paper Presentation

## ADDITIONAL SKILLS

- Solved 175+ problems in leetcode
- Solved 100+ problems in hackerrank
- Contributed to Open source projects
- Student Mentor at KGX
- Completed 3+ Freelance Projects
- Data Structures and Algorithms

## SOFT SKILLS

- Problem Solving
- Dynamic Leadership
- Cognitive Flexibility
- Resilience
- Crisis Management
- Adaptability
- Learning Agility

## CERTIFICATION

### UDEMY

- Complete DApp - React & Solidity - Blockchain Development

### HARVARD UNIVERSITY

- CS50's Introduction to Programming with Python

### COURSERA

- Web development with Javascript, HTML, CSS

### FREECODECAMP

- Front end Development libraries