

Lokeshwaran Kannan

[Github](#) | [Leetcode](#) | [HackerRank](#) | [LinkedIn](#) | lokesh95664@gmail.com | +91 9566435255

EDUCATION

KGISL INSTITUTE OF TECHNOLOGY

B.E COMPUTER SCIENCE AND ENGINEERING - 2021-2025

Coimbatore, Tamil Nadu

CGPA : 7.42

EXPERIENCE

I BACUS TECH | JR. FULL STACK DEVELOPER

Sep 2025 – Present | Coimbatore, Tamil Nadu

- Proficient in building **front-end applications** with **React.js**, using **Redux** for **state management** and **Tailwind** for elegant, user-friendly interfaces.
- Designed and implemented **secure authentication** systems using **JWT** to **enhance data protection**, **User access control**, and overall application security.
- Architected **scalable backend app** with well-structured routes and **RESTful API design**, ensuring **maintainability** and **long-term extensibility across services**.

KGXPERIENCE | STUDENT MENTOR

Sep 2022 – Jan 2024 | Coimbatore, Tamil Nadu

- Actively engaged in **self-learning** and **building** with **React**, **Node.js**, **Express**, **MongoDB**, and **SQL** to strengthen **Full-stack** and **API architecture skills**.
- Led teams in **national-level hackathons** like **e-Yantra**, **Yukthi**, and **Smart India Hackathon**, driving innovation in **IoT**, **AI/ML**, and **data-driven solutions**.
- **Managed** and optimized **GitHub repositories** for multiple collaborators, implementing effective **branching**, **version control**, and code review workflows.

PROJECTS

JEWELRYPRO - JEWELRY RETAIL CRM PLATFORM | REACT.JS,

REDUX, NODE.JS, TAILWIND CSS, EXPRESS, PRISMA, POSTGRES SQL

Oct 2025 - Present

- Architected and developed a **full-stack CRM system** to digitize **jewelry retail workflows** – **billing**, **inventory**, and **customer management**.
- Implemented **secure, role-based authentication** using **JWT**, ensuring **granular access** for **admins**, **billing clerks**, and **sales staff**.
- Designed a **scalable backend architecture** using **Node.js**, **Express**, **Prisma ORM**, and **PostgreSQL**, ensuring **data consistency** and **query performance**.

LIRI - PERSONAL PORTFOLIO AI ASSISTANT | REACT, TYPESCRIPT,

NODE.JS, EXPRESS, MONGODB, GEMINI API, RAG (VECTOR DB)

Nov 2025 - Present

- Custom **AI-powered portfolio assistant** capable of **dynamic, context-aware interactions**, intelligently showcasing **projects**, **skills**, **experience** and more.
- Designed a **multi-key API rotation system** for **load distribution** and **rate-limit management** across multiple **Gemini API keys**.
- Implemented **prompt optimization** and **retrieval-augmented generation (RAG)** to **minimize token usage** and **response latency**

GUEST ROOM APPLICATION | REACT, REDUX, TAILWIND CSS

NODE.JS, EXPRESS, MONGODB, CLOUDINARY

May 2025 - Aug 2025

- Developed a **scalable application** following **MVC architecture**, integrating **JWT authentication**, **reusable components**, and **clean architecture**.
- Implemented **performance optimizations** including **API-driven pagination**, **state-level updates**, **debouncing**, **optimized API requests**, and **minimized re-rendering** for a **smoother, faster user experience**.

SKILLS

PROGRAMMING

Languages :

- Python • Java • Javascript
- Typescript • HTML • CSS

Framework :

- React.JS • Tailwind CSS • Node.js
- Express • Redux • PostgreSQL • Prisma
- MongoDB • Mongoose

VCS & BUILD TOOLS

- Git • GitHub • Postman • Figma

LANGUAGE

- English • Tamil

ADDITIONAL SKILLS

- Solved **175+ problems** in leetcode
- Solved **100+ problems** in hackerrank
- Basic **System Design** concepts
- **Component-based** architecture
- **Atomic design**
- **SOLID principles**
- **Object Oriented Programming**
- **Data Structures and Algorithms**
- **Adaptable to AI-driven workflows**
- **Unit Testing**

SOFT SKILLS

- Problem Solving
- Dynamic Leadership
- Cognitive Flexibility
- Adaptability
- Learning Agility

ACHIEVEMENT

- **2024** Smart India Hackathon
- **2023** 2nd Web Designing
- **2023** 3rd CSI Sponsored Hackathon
- **2023** 3rd Prototype Presentation
- **2022** 1st Paper Presentation

CERTIFICATION

FREECODECAMP

- Front end Development libraries

UDEMY

- CS50's Introduction to Programming with Python
- Complete DApp - React & Solidity - Blockchain Development

HARVARD UNIVERSITY

COURSERA

- Web development with Javascript, HTML, CSS