

# KUMAR HARSH

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## Achievements and Certifications

- Knight on Leetcode – Rating: 1940
- Top 0.5 percentile of Flipkart Grid 6.0
- AWS Cloud Practitioner Essentials Certificate
- Top 5 percentile in Adobe Gensolve Hackathon

## EDUCATION

### The LNM Institute Of Information Technology

2022 – 2026

Computer Science and Engineering

Jaipur, India

- Relevant coursework: Data Structures and Algorithms, Software Engineering, Operating Systems, Signals and Systems, Digital Communication.

## WORK EXPERIENCE

### Smallcase [↗](#)

Jan, 2026 – Present

Backend Developer Intern

Bengaluru, India

- Part of the **Integrations Team**, building and maintaining **API integrations** with external broker platforms, focusing on **authentication**, **error handling**, and reliable **request-response flows**.
- Contributing to **internal research** on **Paytm**, **HDFC-MTF**, **AXIS-MTF** **Leprechaun APIs**, building **Node.js services** and working with **Kafka**, **Redis**, and **Kibana** for **event processing**, **caching**, and **observability**.

### Zilch labs [↗](#)

May, 2024 – Sept, 2024

Software Developer Intern

Jaipur, India

- Reduced development inefficiencies by leading full-stack feature delivery using **React**, **Node.js**, **MongoDB**, **Docker**, and **GitLab CI/CD** on **AWS**.
- Strengthened data security by implementing **HTTPS** and **AES encryption**, ensuring safer user interactions.

## PROJECTS

### Indieguru [↗](#) | [React](#), [Node](#), [MongoDB](#), [Express](#), [Javascript](#)

2025

- Built a real-time **payment web app** allowing users to sign up, log in, and send transactions to other registered users with secure **authentication** and proper **state validation**.
- Managed user and transaction data using **MongoDB**, and implemented secure authentication with **JWT** for robust access control.
- Integrated JavaScript's **Transaction library** to simulate and manage fund transfers efficiently, ensuring data consistency and reliability.

### CareerAI [↗](#) | [Next.js](#), [Typescript](#), [React](#), [Tailwind CSS](#), [PostgreSQL](#), [Clerk](#), [Gemini API](#)

2025

- Developed an **AI-powered career coaching platform** enabling dynamic **resume creation**, **cover letter generation**, and personalized **interview preparation** using the **Google Gemini API**.
- Implemented **secure authentication** with **Clerk** and handled user data using **Prisma ORM** and **PostgreSQL**, ensuring privacy and reliability.
- Built a responsive and modern UI using **Next.js**, and **Tailwind CSS**, enhancing user engagement and real-time interaction.

### DebugSync.ai [↗](#) | [React](#), [Node](#), [MongoDB](#), [Redis](#), [WebSockets](#), [Docker](#), [AWS](#), [AI\(Gemini\)](#)

2025

- Built a real-time **collaborative code editor** with per-room **code and chat isolation**, persistent **user history**, and secure **authentication**.
- Used **React**, **Node.js**, **Express**, **MongoDB Atlas**, and **Redis Cloud** to create a modular and scalable full-stack system.
- Enabled real-time collaboration via **WebSockets** and optimized performance using **Docker**-based containerization.

## TECHNICAL SKILLS

**Languages:** C, C++, JavaScript, Java Bash

**Tools/Platforms:** Git, GitHub, GitLab CI/CD, Linux, AWS, Docker

**Frameworks/Tech:** React.js, Next.js, Node.js, Express, MongoDB, PostgreSQL

**CS Fundamentals:** OOPS, OS, DBMS, CN, Data Structures and Algorithms

**Soft Skills:** Problem Solving, Communication, Innovation