

# SHIKHAR REYYA

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LinkedIn

Github

Portfolio

Codeforces

Leetcode

## EDUCATION

International Institute of Information Technology, Naya Raipur

Dec 2021 - June 2025

B.Tech in Computer Science and Engineering

8.33/10

Nirmal Higher Secodary School

May 2019 - May 2020

CBSE - Class XII

91.6%/100

## EXPERIENCE

Software Engineer

Feb 2025 - present

OpenGig

- Led end-to-end delivery of diverse client projects, spanning finance **data pipeline** development to building **AI agents** from scratch, ensuring alignment with complex business requirements.
- Designed and implemented scalable, high-performance solutions using latest tech stacks including **React**, **Next.js**, **FastAPI**, **NestJS**.

Frontend - Next.js Intern

Oct 2024 - Feb 2025

VideoDubber.ai

- Contributed to the development of a media editing SAAS application, enabling seamless manipulation of various media assets, including audio, video, and images, using **Next.js** and **Mantine UI**.
- Engineered the migration of SaaS app from from Page to App Router, enhancing code modularity and improving response times by **15%**.

Research & Development Intern

July 2023 - April 2024

Samsung

- Lead the developing a text classification model using **BERT** to categorize different entities in text documents, enhancing data categorization and reducing misclassification by **15%**.
- Applied hyperparameter tuning, resulting in a substantial enhancement in model performance, achieving a top-tier classification accuracy exceeding **95%**.

## PROJECTS

MERN-GPT | React, TypeScript, Express.js, Redux, Material UI, MongoDB, AWS |

Code Website

- Developed a Chatbot application with integrated image generation capabilities, leveraging GPT-4 for chat generation, and range of image generation model including Dall-E and Pixart for image creation.
- Implemented **JWT and cookie-based authentication** for secure login and session management.
- Leveraged **AWS Lambda** and **API Gateway** for a fully serverless backend architecture, with frontend hosted on **S3 bucket** and distributed globally via **AWS CloudFront**, reducing latency by **20%**.

AlgoSketch | Next.js, Redux, TailwindCSS, Docker, Data Structures & Algorithms |

Code Website

- Developed an interactive algorithm visualizer application using **app-router** feature of Next.js.
- Created visualizations for popular sorting algorithms (including **Merge**, **Quick**, **Selection and Bubble sort**), pathfinding algorithms (including **DFS**, **BFS** and **Dijkstra**) and **Seive of Eratosthenes** algorithm.
- Optimized Docker **image size by 68%**, improving deployment efficiency and reducing resource usage.

ReactTube | React, Firebase, Material UI, Rapid API |

Code Website

- Built a **fully responsive** video player application using Youtube V3 API key from **Rapid API** hub.
- Used Firebase for **Google OAuth** and **Realtime database** for storing user data including subscriptions, saved videos etc.
- Implemented **infinite-scroll** functionality using **TanStack Query** for seamless video browsing.

## TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, C, C++, Python, SQL

Frameworks/Libraries: React.js, Next.js, FastAPI, Redux, Tailwind, Mantine-UI, Node.js, Express.js, Nest.js, REST

Database: MongoDB, MySQL, Clickhouse, Redis, DuckDB

Developer Tools: Git, GitHub, Firebase, Postman, Docker, AWS, ChatGPT, Render, Netlify, Google Colab

## ACHIEVEMENTS

- Secured Global Rank **3rd** among 2500+ participants in CodeChef's July 22 Long Challenge.
- Secured **AIR 98** among 2000+ participants at Newton School CodeRush 2023.
- Authored and Published article on Geeks for Geeks platform : **“Minimum Cost Conversion”** and **“Maximizing Stock Profit With Cooldown”** (1k+ engagement).
- Specialist** on CodeForces (1417 max), **3 star** on Codechef, **Knight** on Leetcode.
- 1400+** overall coding score at GeekForGeeks, ranked **4th** in college rank.