

# Tanmay Sarkar

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## EDUCATION

### COOCHBEHAR GOVERNMENT ENGINEERING COLLEGE

B.TECH IN COMPUTER SCIENCE AND ENGINEERING

Sept 2020 | Coochbehar, India  
Cum. CGPA: 8 / 10  
Major GPA: 8.5/10

### DHUPGURI HIGH SCHOOL

STUDIED PURE SCIENCE

Grade: 80/100  
July 2020 | Dhupguri, India

## LINKS

GitHub:// sarkartanmay393  
LinkedIn:// tanmaysrkr  
YouTube:// @TanmaySarkar  
Twitter:// @sarkartanmay393  
Quora:// TanmaySarkar  
Leetcode:// sarkartanmay393

## COURSEWORK

### UNDERGRADUATE

Operating Systems  
System Design  
Computer Networks  
Functional Programming  
Object Oriented Programming  
Database Management System  
Unix Tools and Bash Scripting

## SKILLS

### LANGUAGES

JavaScript, TypeScript, Python, SQL

### TECHNOLOGIES

Reactjs, Nodejs, Expressjs,  
Nestjs, Tailwind, Redux, Flask

### DATABASE

MongoDB, PostgreSQL

### TOOLS

Linux, Docker, Git, Jenkins, Github  
Actions, Cloud Provider (Linode, AWS)

## EXPERIENCE

### UNREAL FINANCE | FRONTEND DEVELOPER

July – Nov 2023 | Remote

- Integrated **Ether.js** with frontend components and **encrypting** secrets.
- Maintained whole web app deployments and delivered to end users securely.
- Implemented advanced finance UI components with little animations.
- Technologies: **TypeScript**, **Next.js**, **MERN**, **Bcrypt**.

### SCHOOL OF INSPIRATIONAL LEADERSHIP | FRONTEND DEVELOPER INTERN

March – July 2023 | Remote

- Implemented server-side functionalities using **Next.js**.
- Built web pages using **Tailwind CSS** from scratch.
- Collaborated with fellow interns to improve digital documents.
- Technologies Used: **TypeScript**, **Next.js**, **Mantine**, **PostgreSQL**.

## PROJECTS

### KANBAN BOARD | DEVELOPER

Nov 2023 - Present

Contains a task management dashboard with useful features including drag-and-drop, user authentication, password security etc. Built using **React.js**, **Node.js**, **Express.js**, **Redux**, and **MongoDB** as a database solution.

### PORTFOLIO V3 | DEVELOPER

Aug 2023 – Present

Published a template portfolio website using **Next.js** and **Tailwind CSS**. Added a blog, projects page and a special crafts page where one can put all of their technical creations.

### BLOGOSPHERE | DEVELOPER

Dec 2022 - Jan 2023

People can publish their blogs on this website, built using **React.js**, **Node.js**, **Express.js**, and **MongoDB**. Worked with **express.js** in-depth, and wrote controllers, and middlewares.

### YATRA SAHAYAK | DEVELOPER

Sept 2022 – Oct 2022

Developed using **Golang**, **Docker**, **Bootstrap** and **PostgreSQL**, a room reservation web application that takes dates to check the availability of rooms lets you book that room and sends an invoice summary email.

## PUBLICATIONS

- [1] RUN GPT4ALL LOCALLY TO BUILD AI TOOLS. (PERSONAL BLOG)
- [2] BUILDING WEB SCRAPER USING GO. (PERSONAL BLOG)
- [3] DEPLOY CONTAINERIZED GO WEB APPLICATION. (PERSONAL BLOG)
- [4] INTERACT WITH POSTGRESQL DB USING GO. (PERSONAL BLOG)