

# SAGAR KATTEL

## Computer Engineer

### My Contact

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📍 Chitwan, Nepal

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### Technical Skill

- NodeJS
- NestJS
- ReactJS
- PostgreSQL
- MongoDB
- mySQL
- Git/Github
- Python
- JavaScript
- TypeScript
- TailwindCSS
- NextJS
- Prisma ORM
- Jest Unit Testing
- Docker
- Java (basic)

### Education Background

- **Chandigarh University**  
Bachelor in Computer Engineering  
**Score: 8.10 CGPA**  
Session: 2020-2024
- **SkyRider College, Chitwan**  
Intermediate (NEB)  
**Score: 3.50 GPA**  
Session: 2019-2020
- **SkyRider H.S.E.B, Chitwan**  
Matriculation (HSEB) |  
**Score: 3.75 GPA**  
Session: 2017-2018

### Work Expeirence

**MS Soft Crystal | Software Engineer**

**August 2023-Present**

**NestJS, NextJS, Prisma, PostgreSQL**

- Configured Prisma ORM to the existing PostgreSQL database
- Implemented form validation using Yup in the frontend application
- Added Swagger for API Documentation in NestJS application
- Created Authorization using Guards in NestJS application

### Projects

**Job Finder | Apply and post Jobs**

**TechStack Used: MongoDB, ReactJS, , NodeJS, Swagger**

- Integrated MongoDB into the NodeJS
- API documentation using Swagger in the backend
- [Code](#)

**Developer Blog Website | Blogging Website for Developers**

**TechStack Used: ReactJS, NestJS, NodeJS, PostgreSQL, Jest**

- Integrated Environment for developers to edit and create Codes
- Built Microservices like Authentication, Authorization, Blog, Comments, etc. in NestJS using PostgreSQL Database
- Deployed server in Microsoft Azure using docker
- [Live](#)

**Group Messaging | Message anyone with Secret Room Code**

**TechStack Used: ReactJS, NodeJS, Socket.io**

- Integrated Socket.io to do the real time messaging
- Handled various socket events such as connection, disconnection, message sending and receiving
- [Live](#) | [Code](#)

**Invoice or Bill Generator | Generate Bills for an Organization**

**TechStack Used: TypeScript, NextJS, Redux Toolkit**

- Integrated TypeScript into the NextJS Application
- Used Context Api hook to perform different complex actions within an application
- Dockerized the application
- Printout the bill pdf
- [Live](#) | [Code](#)

**Sagar Space | Top Posts from different developer platforms**

**TechStack Used: ReactJS, API Integration, TailwindCSS, Github**

- Integrated APIs from different website like Github, Dev.to, etc.
- Created Visually appealing and responsive frontend using TailwindCSS
- Built Progressive Web Application
- [Live](#) | [Code](#)

### Certificates

#### COURSERA CERTIFICATES

- HTML, CSS, and Javascript for Web Developers from Johns Hopkins University
- Front-End Web Development with React from The Hong Kong University of Science and Technology.

### Get In Touch

**Giithub:** <https://github.com/sagarkattel>

**Wesbite:** <http://sagarkattel.com.np/>

**Linkedin:** <http://linkedin.com/in/sagarkattel>