

# Simran Yadav

✉ simranyadav464@gmail.com ☎ 6387595779 in LinkedIn 📁 Portfolio 🐙 Github 🏆 Leetcode 📍 Ghaziabad, India

## Education

### Ajay Kumar Garg Engineering College, AKTU

*Bachelor of Technology(CSE-AIML), Grade: 8.025 SGPA*

11/2021 – Present

*Ghaziabad, Uttar Pradesh*

### Oxford Model Senior Secondary School

*Central Board of Secondary Education | Class 12th, Grade: 93.8%*

04/2019 – 07/2020

*Kanpur, Uttar Pradesh*

### Children's Academy

*Central Board of Secondary Education | Class 10th, Grade: 93.2%*

04/2017 – 05/2018

*Lakhimpur-Kheri, Uttar Pradesh*

## Experience

### Graviti Solutions

07/2024 – 09/2024

#### Backend Developer Intern

*Remote*

- Build features and improved optimizations to enhance the 70% efficiency and scalability of code.
- Executed a strategy for integrating third-party authentication solutions, which led to a 20% reduction in customer service inquiries related to account access, improving response times for critical issues.

### CodeTikki Private Limited

01/2024 – 03/2024

#### Backend Developer Intern

*Remote*

- Collaborated with cross-functional teams to troubleshoot and resolve intricate issues, we achieved a remarkable 50% enhancement in system reliability.
- Leveraging cutting-edge technologies such as Node.js, AWS (Amazon Web Services), and PostgreSQL, in the creation of a scalable and resilient backend architecture.

## Projects

### CipherChat Messenger | *MongoDB, Express, React,Bcrypt-Node.js, Socket.io, RabbitMQ* | **Visit**

- Established a user privacy initiative that increased encryption efficacy by 70%, leading to enhanced customer confidence levels; conducted quarterly audits to ensure compliance with evolving privacy regulations and standards.
- Designed a robust chat platform that facilitated instant messaging for over 10,000 users concurrently; redesigned security protocols that reduced vulnerability incidents by 30%, ensuring user data integrity and trust.

### E-commerce-Marketplace | *Node.js, MongoDB, Express, React, Razorpay* | **Visit**

- Expanded a scalable platform utilizing Node.js and a MongoDB database with a RESTful API for efficient data handling. This enhances 10,000 concurrent users and processes 100 transactions per second.
- Developed a user-centric interface with a focus on intuitive navigation and a seamless shopping experience, resulting in a 20% increase in average order value and a 15% reduction in cart abandonment rate.

### Google Authentication System | *Node.js, MongoDB, Razorpay, Nodemailer* | **Visit**

- Created a Google-authenticated workshop registration website for securing and reducing signup time by 30%, streamlining communication and potentially increasing registrations by 20%.
- Engineered a secure payment processing system that integrated advanced encryption techniques; reduced instances of payment failures by 25% and improved overall transaction success rates for over 500 users.

## Technical Skills

- **Languages:** Python, C, C++, HTML/CSS, JavaScript, Typescript, SQL
- **Developer Tools:** VS Code, GitHub, Canva, Adobe Illustrator, Figma, AWS, Heroku, Vercel, Render, Docker, Postman
- **Technologies/Frameworks:** Node.js, NestJs, Git, Express.js, Solidity, MongoDB, Postgres, RestAPI, Kafka, Nginx, GraphQL, RabbitMQ

## Volunteer Experience

### Netaji Subhas University of Technology

Hackathon(Innohacks)

- FeastExpress crafted a streamlined operational workflow for FeastExpress that contributed to a 10% increase in seller profits and a 12% boost in customer satisfaction.

### Malaviya National Institute of Technology

Hackathon(Sphinx)

- Brain-Bridge is a web3-based blockchain voting system, showcasing expertise in decentralized applications.

### Blockchain Research Lab | Backend Developer

10/2022 – Present

### Training and Placement Cell, Ajay Kumar Garg Engineering College | Co-ordinator

09/2022 – Present