

# Prince Kumar Singh

Rajgangpur, India

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## EDUCATION

**International Institute of Information Technology Bhubaneswar**

*Bachelor of Technology in Computer Engineering, CGPA: 8.80*

Nov 2022 - Present

*Bhubaneswar, India*

**Dalmia Vidya Mandir Rajgangpur**

*AISSCE (12th CBSE): 97.83%*

2020 - 2021

*Rajgangpur, India*

**Dalmia Vidya Mandir Rajgangpur**

*AISSE (10th CBSE): 96.60%*

2018 - 2019

*Rajgangpur, India*

## EXPERIENCE

**Vaid Solutions Ltd.**

*Software Developer Intern*

March 2024 - Aug 2024

*Remote, India*

- Developed an integrated healthcare platform used by over 5,000 users to streamline healthcare services and improve accessibility.
- Implemented **emergency alerts and medication reminders**, enhancing patient safety and adherence by 30%.
- Built **real-time tracking of ambulance and hospital bed availability**, reducing emergency response time by 20%.
- Enabled seamless hospital bookings from home, allowing patients to pre-book and reduce wait time upon arrival.
- Developed a medicine delivery system, achieving a **15% faster delivery time** from nearby stores to customers.

## PROJECTS

**Mess Management Portal** | *React, Node.js, Ethers.js, Ethereum Blockchain*

- Developed a blockchain-powered web portal for college mess management, enabling **secure digital payments** and meal coupon purchases for over 1,500 students.
- Implemented **secure authentication** with college IDs, ensuring restricted access and **100% user-specific data security**.
- Leveraged decentralized blockchain for coupon management, enabling **tamper-proof transactions** and enhancing security by 30%.
- Integrated QR codes** for real-time coupon validation at food counters, reducing wait times by 40%.
- Built a dashboard with analytics to track meal preferences and monitor coupon usage, improving transaction efficiency by 20%.

**textUtils** | *ReactJS, Bootstrap, CSS media queries*

**Live Link**

- Developed a user-friendly website for simplifying **text manipulation tasks**, providing a range of tools to enhance the text editing experience.
- Implemented features for **text transformation** such as converting to uppercase/lowercase, removing extra spaces, and counting words and characters, improving usability for text formatting tasks.
- Utilized Bootstrap and CSS media queries to ensure responsive design across different screen sizes, enhancing accessibility.

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, SQL, Solidity, HTML

**Frameworks/Libraries/Version Control:** ReactJS, Ethers.js, Node.js, Express.js, Git/GitHub

**Database:** MySQL, MongoDB

**CS Fundamentals:** Object Oriented Programming, DBMS

## ACHIEVEMENTS AND POSITIONS OF RESPONSIBILITY

- Achieved **Rank 1** in Sundargarh District, Odisha in AISSCE 2021.
- Secretary** of the MegaHeartz and Photogeeks Society at IIIT Bhubaneswar, leading **50+ members**.
- Student Lead** for the Student Media Team at IIIT Bhubaneswar, responsible for overseeing media coverage and content creation for college events, enhancing outreach by 40%.