

# AAYUSH KUMAR SINGH

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## Education

Institute of Engineering and Management

Bachelor of Technology in Information Technology - 9.61 CGPA

November 2020 - June 2024

Kolkata, West Bengal

## Experience

Tilicho Fintech (Freebird App Division)

June 2023 - Sept 2023

SDE Intern

Remote

- **Developed and implemented** an internal **sales management tool**, streamlining lead generation and user filtering processes for improved efficiency and productivity. Strategically optimized the sales management tool, resulting in a 40% increase in lead conversion rates and a 60% reduction in manual data entry efforts
- Engineered a robust frontend feature for seamless user data synchronization with Google Drive. Orchestrated the integration of **Google Drive API**, streamlining data transfer processes. Collaborated closely with cross-functional teams to ensure seamless integration with existing systems, showcasing technical prowess in **full-stack development**.
- Built a high-converting pricing page from scratch, showcasing the app's value proposition and driving a 40% increase in conversion rates within the first month.
- **Tech Skills:** Frontend - React, Redux-toolkit, Webpack; Backend - Node.js, Express.js, RESTful API, MongoDB; Version Control - Git, GitHub; Deployment - Docker; Languages-TypeScript, JavaScript

## Skills

**Languages/Tools:** C++, Javascript, Typescript, Solidity, VS Code, Git, Github, Redis, Docker, AWS, Postman

**Frameworks/Libraries:** NextJS, ReactJS, Tailwind Css, MongoDB

## Projects

**Buy Me a Cutting Chai** | [Source Code](#) | [Live Demo](#)

- Architected and implemented a **decentralized blockchain** website using Next.js, Polygon, and Solidity, enabling content creators to create campaign pages for crowdfunding purposes.
- Created user-friendly interface, providing a seamless and intuitive experience for both content creators and funders.
- Developed **smart contracts** using Solidity to facilitate secure and 100% automated transactions, reducing the need for intermediaries and associated fees.

**Job REST API** | [Source Code](#) | [Live Demo](#)

- Built a robust and **REST API** using Node.js and **Express**, enabling seamless integration with **MongoDB**
- Implemented **JWT tokens** for secure **authentication** and authorization.
- Engineered the API endpoints to facilitate seamless communication between the front-end and back-end components.

**Bill splitter** | [Source Code](#) | [Live Demo](#)

- Engineered a **MERN** stack project for bill splitting among friends, utilizing MongoDB, Express.js, React.js, and Node.js.
- Designed and deployed a **user-friendly interface** using React.js, with REST APIs in Express.js for seamless management of bills and user data

## Achievements

- KGEC's TimeHeist Hackathon Winner
- WEB3-INIT Hackathon Winner
- Finalist of JU Double Slash 2.0 Hackathon
- Finalist of IEMK's IEMHACKS Hackathon

## Certifications

- Cloud Computing | [Certificate](#)
- Online Privacy | [Certificate](#)
- AWS Cloud Practitioner Essentials | [Certificate](#)