

SHUBHENDU KUMAR

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Portfolio | GitHub | LinkedIn | LeetCode | Blog

EDUCATION

Indian Institute of Information Technology
B.Tech Electronics and Communication Engg.

Nagpur, India
2021 - 2025

EXPERIENCE

Builder.ai | Front-End Developer Intern

Remote | Oct 2023 - April 2024

- Developed and improved the design of dashboard and analytical reports with mobile first approach based on Material UI.
- Worked on improving the visual representation of statistics by 20% of SaaS client.
- Added filter functionality in GUI of Supply Chain Hub

Reslink | UI Designer and Developer

May 2022 - Aug 2022

- Created an intuitive web platform for companies to use AI for simplifying their problem statements.
- Employed modern technology for better user interaction 1. React.js 2. Framer Motion 3. Tailwind CSS.

SKILLS

Programming Languages: C++, Python, SQL, MongoDB
Libraries/Frameworks: Javascript, NextJs, Vue, Vite, ReactJS, Tailwind CSS, NodeJS
Tools / Platforms: Figma, Framer, Notion, Adobe CC, Jira, Trello, Git, AWS, Firebase

PROJECTS / OPEN-SOURCE

Personal Space | Link

NextJs, NodeJs, Convex, TailwindCSS, MongoDB, Zustand, TypeScript, Vercel

- Developed an all-in-one productivity application using Next.js and TypeScript, with **100+ active users and over 1,000 documents**, that significantly enhances user productivity.
- Engineered a **Notion-like text editor using BlockNote** with advanced formatting and editing capabilities, leading to a **50% increase in document creation** and **twice as high publication rate than the previous rate of 20%**.
- Leveraged Convex to build a **real-time** responsive client-side application, ensuring instantaneous reflection of changes, achieving a **sub-200 ms response time**.
- Integrated **social sign-ins with Clerk**, and crafted features like **light/dark mode themes**, publishing options, and **keyboard shortcut-enabled search**, resulting in a **30% increase in user engagement** and a **50% increase in average session time from 15 mins to 30 mins**.

CRM-Analytics | Link

Python, Pandas, Data Visualization, Exploratory Data Analysis, Seaborn

- Developed a CRM Analytics project using Python and **e-commerce data for RFM (Recency, Frequency, Monetary)** customer segmentation.
- Conducted **Cohort Analysis** to gain insights into customer retention.
- Implemented the **BG/NBD (Beta Geometric/Negative Binomial Distribution) model** for **Customer Lifetime Value (CLTV) prediction**.

Flame N Foe | Link

Typescript, Phaser.io, VueJs

- Developed Flame N Foe, an immersive forest exploration game using the **Phaser.io framework**.
- Designed and implemented a **dynamic day-night cycle** within the game, enhancing the player **engagement by 40%**.
- Created a **Light Visibility Only** effect for enemies during nighttime, adding strategic depth and tension.
- Implemented **game mechanics, character movement, and interactions** in TypeScript, demonstrating proficiency in this language.