

Suman Gupta

Portfolio

Github: github.com/er-sam

Email: suman.cse23@gmail.com

Mobile: +91-7683045649

EDUCATION

- **Dr. A.P.J. Abdul Kalam Technical University** Lucknow, India
• *Bachelor of Technology - Computer Science and Engineering; GPA: 7.76* July 2019 - June 2023
• *Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases*

SKILLS SUMMARY

- **Languages:** Javascript, JAVA, SQL,
- **Frameworks:** NodeJS, ExpressJS
- **Library:** ReactJS, React-Native
- **Tools:** MongoDB, Redis, GIT, MySQL, SQLite
- **Platforms:** Linux, Web, Windows, Android-Studio, AWS Cloud
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Color-8** On-site
• *Student Developer (Intern)* Aug 2023 - Dec 2023
 - **React-UI:** Refactor React components for performance to handle large audience.
 - **REST API for Backend:** Converted design into restfull APIs with middleware & Routes.
 - **Tailwind CSS:** Enhanced frontend and added responsiveness to web pages using Tailwind and vanilla css. .
 - **Designed Schema:** Implemented Database desine using mongoose in mongoDB .
 - **Api Caching-Redis:** Gathered knowledge about api caching using redis .

PROJECTS

- **CryptiX - A crypto currencies price tracker (Graphs, NodeJS, ReactJS, Open Source API):** An open-source, research-focused cryptocurrency tracker using graphs, nodejs, reactjs, and an open source API to monitor the price of digital currencies. Technology: NPM, Graphs-Package, ReactJS, NodeJS, (October '21) [LINK](#)
- **Social Media Network (Full-Stack Web Application):** A multi-user full stack online application functions as a social media network where users may register, send and receive friend requests, upload photos, and create accounts. Technology: Mongo-DB, Express JS, React JS, Node JS, Authentication, APIs. (Feb '22) [LINK](#)
- **Message-X (A React-Native Application for messaging):** An instant messaging app Developed with React-Native Expo, it encompassed functionalities like sharing pictures and emoji notifications while effectively using other libraries and React-Native Expo to improve user experience. Technology: Emoji, WebSockets, JavaScript, Node.js, React-Native (May '23) [LINK](#)
- **short-X-URL-shortener (Backend Development, Node Js):** Long URLs are made shorter and more clickable with the help of a backend URL shortening API that was developed with Node.js and Express.js. Additionally, it was planned to implement a rate limiter and API caching later on. Technology: JavaScript, MongoDB, Express Js, Node.js (September '23) [LINK](#)
- **JobHunt (React-Native App Development):** Developed a job search platform using React-Native for Android, allowing users to register and find job postings, while companies can post job openings. Technology: Android, React-Native, Tailwind, JavaScript (Nov '23) [LINK](#)
- **Insta-Tube (Online Streaming Service) :** An online streaming service where publishers can upload videos and reels to engage with their audience. The platform includes features like video upload, authentication, watch history, and video tracking. Technology: React-Native, Node JS, Express Js, Mongo-DB, JavaScript, and WebSockets. (*Under development*)

PUBLICATIONS

- **Research Paper: Supply Chain Management Using Blockchain, Blockchain):** The paper proposes a solution that utilizes blockchain and AI technologies to ensure the secure and transparent distribution of medical drugs across the supply chain. Published by *International Journal of Innovative Science and Research Technology* in may 2023. Tech: Blockchain, Ethereum (May '23) [LINK](#)

VOLUNTEER EXPERIENCE

- **Community partner at AVANT-GARDE (Developer Student Clubs ITS)** Greater Noida, India
• *Conducted online and offline technical & soft-skills training impacting over 3000 students.* Dec 2019 - Present
- **Event Organizer at ITS Engineering College - Greater Noida** Greater Noida, India
• *Organized events, conducted workshops and Coding activity reaching over 1000+ students.* Jan 2022 - Present