

Sharad Kumar Singh

Full Stack Developer at knowdis.ai

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SUMMARY

Experienced Full Stack Developer adept in creating robust web applications, leveraging expertise in frontend and backend technologies. Passionate about delivering high-quality solutions and driving innovation in dynamic environments.

TECHNICAL SKILLS

- **Programming Languages:** C++, Core Java, Python
- **Web Technologies:** HTML, CSS, JavaScript, Bootstrap, MUI, Nodejs, ExpressJs, ReactJs, AJAX, JWT, FastAPI
- **Databases:** MySQL, MongoDB, MariaDB, FirebaseDB
- **DevOps:** GitHub, Nginx, Linux, Aws

EXPERIENCE

KNOWDIS.AI |  | Full Stack Developer | January 2024 - Present

- Developed a comprehensive authorization system ensuring 0 security breaches.
- Implemented user access management APIs and admin panel, achieving 8x faster access management and role-based permissions by using FastAPI (Python), ReactJs and Firebase.
- Improved activity monitoring by 40 items/min with real-time job tables. Improved navigation between different modules based on their similarities by using redux toolkit.

LARSEN AND TOUBRO LIMITED (DATA CENTER BUSINESS) |  | Senior Engineer | July 2022 - December -2023

- Part of a Product Development Team (Software as a Services).
- Working on SaaS Product and Cloud Services and implementing Cloud Technologies.
- Enhanced financial Web app fixfd.com by developing APIs, resulting in a 25% faster data retrieval, and by optimizing sorting logic, achieving a 30% reduction in response time.

ONE24 |  | Software Development Engineer Intern | June 2021 – October 2021

- Built high-impact features like payment system, cart products section, OTP authentication, searching in the component. Improved the efficiency of the various sections by more than 70 %.
- Worked with ReactJs, Nodejs, Rest APIs technologies to build an end-to-end solution for multiple users.
- Optimized frontend layouts with ReactJs and EJS, designed and integrated backend REST APIs, ensuring seamless frontend-backend collaboration.

EDUCATION


Bundelkhand Institute of Engineering and Technology Jhansi | B.Tech in Information Technology

- **Graduate:** July 2022 | CGPA: 8.4


B.S INTER COLLEGE Noida | Science (PCM)

- **Graduate:** July 2018 | Per: 87.6 %


PROJECTS

Molecule Gen |  | January 2024 – Present | New Delhi, India

- An AI-driven SaaS platform for drug discovery's pre-clinical stages, utilizing Generative AI to generate drug candidate molecules and advanced prediction tools covering the entire drug discovery pipeline.
- Achieved 100% security compliance with engineered authorization APIs and frontend security measures, built user access management APIs and perform integration and improved navigation by creating bridges between modules.

FIXFD |  | September 2022 – August 2023 | Mumbai, India

- Led development of a comprehensive financial web app offering real-time updates and advanced Fixed Deposit comparisons for 130+ SCB Banks, enhancing user engagement and satisfaction.
- Efficiently implemented full-stack features, forging APIs to front-end, and deployed on Aruba Cloud Linux Server, saving 20 % project time.
- Used Nodejs, Express.JS, EJS, jQuery, Ajax, MySQL, Nginx etc.

NOTEMATE |  | March 2021 – April 2021 | Mumbai, India

- Designed and developed a note-taking web application with CRUD operations to streamline data storage and retrieval for efficient data and user management.
- Used React.JS, Redux, Node.JS, MongoDB, Express.JS, JWT etc.