

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, Typescript, Bootstrap, Nodejs, ReactJs, AJAX, JWT, FastAPI.
- **Databases:** MySQL, MongoDB, MariaDB, FirebaseDB.
- **DevOps:** Git, Nginx, Linux, Aws, Docker.

EXPERIENCE

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

- Enhanced workflow efficiency by 25% and reduced navigation time by 20% through the development of a user access management system and targeted UI improvements for job-related modules.
- Ensured full compliance with security standards by engineering robust authorization service and implementing stringent frontend security measures.
- Integrated Razorpay subscription model for streamlined payment processing.

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

- Part of a Product Development Team (Software as a Services).
- Worked 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 React, Nodejs, Rest APIs technologies to build an end-to-end solution for multiple users.
- Optimized frontend layouts with React 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

MoleculeGen  | January 2024 – Present | New Delhi, India

- Developed a comprehensive authorization system ensuring 0 security breaches.
- Implemented user access APIs and admin panel, achieving 8x faster access management and role-based permissions by using FastAPI(Python) , Reacts 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.

BharatiyaDocs  | April 2024 – July 2024 | Noida, India

- Created Bharatiya Docs, an Indian alternative to Google Docs, enabling real-time collaborative editing.
- Developed a comprehensive rich text editor with advanced formatting options, image insertion and alignment feature.
- Implemented robust secure authentication and role-based authorization for enhanced user data protection.

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.