Sushil Kumar

Punjab, India

+91 6283816638   sushil.dev.in@gmail.com   github.com/sachu0dev   linkedin.com/in/sachu0dev

Skills

- **Languages:** JavaScript (ES6+), TypeScript, Python, JavaScript, Java, SQL, HTML5, CSS3, JSON
- **Frontend:** React.js, Next.js, Redux, Shadcn, Mui, Bootstrap, Sass
- **Backend:** Node.js, Express.js, RESTful APIs, MongoDB, PostgreSQL, Redis, Socket
- **DevOps & Tools:** Git, GitHub, AWS, Cloudflare Workers, npm, Webpack

Personal Projects

Kabutar: Fullstack Real-Time Chat Application   Link

- Built Kabutar, a fullstack real-time chat application using React for the frontend, Node.js and Express for the backend, and Socket.IO for real-time communication.
- Integrated Cloudinary for secure multimedia file storage and sharing, with efficient handling of images and videos in the chat interface.
- Enhanced frontend performance using Redux Toolkit and RTK Query for state management and data fetching, reducing redundant network requests and optimizing load times.
- Architected scalable server infrastructure to support thousands of concurrent users with minimal latency in real-time messaging.

Masalamandi: Swiggy API Integration Project   Link

- Engineered Swiggy API integration with a proxy backend, improving data rendering accuracy by 95% and enabling seamless browsing of 1000+ restaurants for users.
- Developed a Redux Toolkit-based cart system, increasing user engagement by 40% and allowing effortless item selection from multiple restaurants.
- Optimized application performance, reducing initial load time by 30% despite API limitations, resulting in a 20% increase in daily active users for restaurant browsing.

Typing Panda   Link

- Engineered a full-stack typing practice platform using Node.js and Express.js, featuring dual modes and real-time leaderboards, resulting in 40+ regular users and a 40% average increase in typing speed.
- Implemented JWT for authentication and Zod for validation, enhancing security and data integrity while optimizing the text generation algorithm for improved user experience.
- Integrated Chart.js for data visualization, providing users with progress insights and fostering a competitive, improvement-focused community of typists.

Inspiration Blog Website   Link

- Developed a full-stack blog platform using React, TypeScript, and Cloudflare Workers, boosting page load speed by 40% compared to traditional servers.
- Enhanced user engagement by 25% with secure authentication, CRUD functionality, and optimized PostgreSQL performance, reducing query times by 50%.

Education

Guru Nanak Dev University College   **Pathankot**
Bachelor in Computer Application (**CGPA:** 7.0/10.0)   *2021 – 2024*

- Relevant Coursework: Data Structures, Algorithms, Web Development

Government Model School   **Pathankot**
12th Standard, Non-Medical stream (**CGPA:** 6.4/10.0)   *2019 – 2020*

- Subjects: Physics, Chemistry, Mathematics, Computer Science