



Supinder Singh

Fullstack Developer

My Contact

- 📍 Chandigarh, India
- 🌐 www.sarao.dev
- 🌐 Punjabi (Native), Hindi (Native), English (Fluent)

Hard Skill

- Programming languages: JavaScript, HTML, CSS, etc.
- Front-end development: React, Redux, Tailwind CSS, Redux Toolkit, Angular, NGRX, NextJs, etc.
- Mobile development: React-Native, Ionic, Swift, SwiftUI, UIKit, iOS, Kotlin, JetPack Compose, Android.
- Back-end development: Node.js, GoLang, NestJs, TypeORM, Express, Prisma, Cloud Functions, etc.
- Databases: SQL (MySQL, PostgreSQL, etc.), NoSQL (MongoDB, etc.),
- Cloud computing: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform, etc.
- Server administration: Linux, Nginx.
- Source code management: Git.
- Agile methodologies: Scrum, Kanban, etc.
- Project management tools: JIRA, Trello, etc.
- Deployment and continuous integration: Docker, CICD, GitHub Actions, etc.
- Security: SSL, HTTPS, OAuth, etc.
- Responsive design and cross-browser compatibility.

Education Background

- Chandigarh University
Masters in Computer Applications
Completed in 2019

About Me

Independent Full-Stack & Mobile Engineer with 6 + years of hands-on experience turning product ideas into production-ready web and mobile apps. I build elegant front ends with Angular and React, craft robust back ends with Node.js, and architect data layers on MongoDB (REST & GraphQL). Comfortable across the stack—from polished UI in JavaScript/HTML/CSS to scalable cloud deployments on AWS, Firebase, and GCP—I'm known for solving tough problems quickly and shipping high-quality, future-proof code.

Professional Experience

Freelancer/Contractor

July 2024 - Present

Since Jul 2024, I've transitioned into full-time freelancing, where I now collaborate with global clients to build robust backend systems, intuitive frontend interfaces, and high-performance mobile apps for both iOS and Android. This independent journey has further sharpened my versatility, deepened my problem-solving approach, and expanded my impact across the full software development lifecycle.

Senior Software Engineer

Ajackus

Jan 2024 - July 2024

At Ajackus, I assumed the role of a Senior Software Engineer, where I was collaborating with an international team. My responsibilities extended beyond merely delivering projects; I emphasized the importance of maintaining high standards of code quality and consistency. Through my role, I continuously drove innovation, ensuring the development lifecycle was optimized for efficiency and excellence.

Tech Lead

Codeferns Technologies Pvt. Ltd.

Oct 2019 - Nov 2023

At Codeferns Technologies, I assumed the role of a Tech Lead, offering strategic guidance and mentorship, thereby fostering an environment of innovation. In parallel, I spearheaded full-stack development initiatives utilizing technologies such as ReactJS, React Native, Angular, and more. As a Tech Lead, my influence extended beyond project delivery, encompassing a focus on code quality, while consistently driving innovation throughout the development lifecycle.

Frontend Developer

Focal Code

May 2019 – Oct 2019

At FocalCode, I specialized in Angular, CSS, HTML, and JavaScript to create responsive web interfaces. I developed complex features, optimized performance, and collaborated closely with cross-functional teams to ensure high-quality code and outstanding user experiences.

Graphics Designer

ITConnectUS

Jan 2019 – Apr 2019

As a Graphics Designer at ITConnectUS, I was responsible for defining and maintaining the company's visual identity, creating captivating designs for web interfaces and marketing materials, and collaborating cross-functionally to align design with business goals. My role contributed to enhancing the company's brand and user engagement through creative and user-centric design.

Freelancer

Jan 2017 – Dec 2018

I embarked on a two-year freelancing journey where I honed my skills in HTML, CSS, JavaScript, Adobe Photoshop, and Illustrator. During this time, I had the opportunity to work on a diverse range of projects, collaborating with clients to bring their visions to life. This experience allowed me to not only strengthen my technical abilities but also refine my communication and problem-solving skills. It was a period of continuous learning and creative expression, and I am proud of the contributions I made to various projects as a freelancer.

Soft Skill

- **Communication:** Clear and concise communication skills, both written and verbal, are essential for working with a team, as well as communicating with clients, stakeholders, and other members of a project.
- **Problem-solving:** The ability to think critically, analyze problems, and develop creative solutions is a valuable soft skill for developers, as they often encounter complex technical challenges.
- **Teamwork:** Developers must be able to work effectively with others, whether it's collaborating on a project, contributing to code reviews, or seeking help when needed.
- **Adaptability:** The technology landscape is constantly changing, and developers must be able to adapt to new tools, technologies, and methodologies quickly and effectively.
- **Attention to detail:** A keen eye for detail and the ability to catch errors or potential issues is critical for developers, as small mistakes can lead to major problems in a codebase.
- **Time management:** Effective time management skills are important for staying on top of deadlines, prioritizing tasks, and balancing multiple projects.
- **Passion for learning:** A passion for continuously learning and improving is important for developers, as new technologies and methodologies are constantly emerging.

Projects

- **PartsAndPlanes (Web & Mobile):**

PartsAndPlanes is a B2B marketplace that connects airlines, MROs, and independent suppliers, streamlining the sale and procurement of certified aircraft parts. The web platform—powered by Go, PostgreSQL, and Elasticsearch—indexes millions of SKUs for sub-second search and live stock/condition updates. Sellers manage inventory, trace documents, and pricing through an intuitive dashboard, while buyers complete escrow-style Stripe Connect checkouts. A built-in WebSocket chat lets both sides negotiate and exchange paperwork in real time. The native iOS app, written in Swift with programmatic UIKit, syncs large datasets offline via GRDB and performs background refreshes for use on low-bandwidth ramps. The Android app, built with Jetpack Compose and Room, mirrors those capabilities and employs a foreground service for bulk media downloads. Both apps support biometric login, push notifications for RFQs, and QR/barcode scanning to pull up part details instantly. Together, they deliver an end-to-end parts sourcing tool that works seamlessly in the hangar, on the flight line, or at the office.

- **Trackify (Spotify Clone):**

Spotify clone, crafted with Next.js, Prisma, Vercel, and PostgreSQL, mirrors the beloved music platform's essence. Users engage in secure sign-ups, explore a music library by genre or mood, curate playlists, and enjoy seamless playback controls. With a responsive interface this clone offers a familiar yet modern experience. Powered by Prisma and PostgreSQL for efficient data handling and Vercel's robust hosting, it ensures scalability and reliability, promising a compelling music streaming journey.

- **WhatsApp Clone:**

WhatsApp replica, crafted with Next.js, PostgreSQL, Prisma, and Tailwind CSS, offers secure, real-time messaging. Next.js ensures a seamless, responsive interface, while Prisma and PostgreSQL handle efficient data operations. Tailwind CSS streamlines design for a sleek user experience.

Projects

- **Breadit (Reddit Clone):**

Breadit, a Reddit-inspired platform, is built with Next.js, PostgreSQL, Prisma, Tailwind CSS, and hosted on Vercel. It mirrors Reddit's functionality, fostering diverse community interactions. Next.js ensures a responsive interface, Prisma handles data operations, and Tailwind CSS refines the design. Hosted on Vercel, Breadit prioritizes community engagement and reliable functionality in a visually appealing space.

- **Getyourbands.com:**

Getyourbands, built using Angular, Node.js, MySQL, and Stripe, aids individuals in preparing for the IELTS exam. Offering practice tests, study materials, performance tracking, and access to expert instructors across all exam sections, it facilitates English language skill development. Whether for academic, immigration purposes, or general improvement, Getyourbands ensures accessible, user-friendly preparation tailored to individual pacing and schedules.

- **Lotto247.com:**

Lotto247, utilizing Angular, SSR, NgRx, and PHP, is an online lottery hub enabling global draw participation. Users conveniently purchase tickets for Powerball, Mega Millions, EuroMillions, and more from home. With an intuitive interface, players easily select numbers and access resources detailing odds, prizes, and past results. Emphasizing safety, Lotto247 ensures encrypted transactions and top-tier security, offering both seasoned players and newcomers a secure, convenient, and enjoyable lottery experience.

- **Roombr – Video Editor:**

At Roombr Video Editor, I tackled a cross-platform project using ElectronJS, Angular, Node.js, and FFmpeg. This combo let us create a user-friendly desktop app for Windows and macOS, handling video editing with ease. Our standout feature was screen recording, enhancing Roombr's functionality and earning positive user feedback. Working on Roombr was a rewarding tech journey, exploring diverse tools and contributing to a versatile video editing solution.

- **OverSeer:**

Creating OverSeer, a React Native-powered AI camera app, was an exciting venture in mobile app development. It redefined surveillance camera interaction by providing real-time event alerts and footage to users. With React Native's cross-platform strength, we ensured a seamless experience on both Android and iOS. Implementing AI for event detection added depth, allowing the app to notify users of relevant incidents. Design played a pivotal role in usability, while maintaining data security heightened complexity. OverSeer's development was a fulfilling blend of tech innovation and user impact, validated by positive user feedback, making it a standout in my portfolio.

- **Brokeroos:**

Brokeroos, an Australian online platform built using Angular, Node.js, Express, AWS EC2, and Firebase, offers diverse financial services aiding investment management. With an intuitive dashboard, real-time market data access, and customizable portfolios, users make informed decisions. Its educational hub furnishes articles, videos, and a community forum for learning, sharing insights, and seeking investment guidance. Prioritizing user accessibility via a clean, user-friendly interface, Brokeroos caters to both novice and seasoned investors, empowering them to efficiently achieve their financial goals.

- **Fixiit.co.uk:**

Fixiit, powered by React.js, Node.js, MongoDB, AWS EC2, Agenda, and Twilio, is a UK-based hub catering to home repair and maintenance needs. Seamlessly connecting homeowners with trusted tradespeople across various services like plumbing, electrical work, carpentry, painting, and more, it ensures an effortless search for skilled professionals. Featuring a user-friendly interface with detailed trade profiles and client reviews, Fixiit simplifies the selection process. Beyond connections, it offers secure payment options, centralized project management, and informative resources for informed decisions. From one-off repairs to continuous support, Fixiit streamlines home maintenance, offering a stress-free experience.