Amandeep Singh

Senior Software Engineer

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🧠 Skills

Frontend — Next.js, React.js, React Native, Svelte, Astro, TypeScript, SASS/SCSS, Tailwind, Redux

Backend — Node.js, Express.js, MySQL, PostgreSQL, MongoDB, Docker, Redis

Others — AWS, Firebase, WebRTC, WebSockets, Nginx, Git, CI/CD

🏅 Relevant Experience

Unified Infotech, *Senior Software Engineer*   2021 – present
Kolkata, India
- Led a multi-member team to deliver three projects on time by collaborating closely with stakeholders to ensure clear requirements.
- Built and optimized shared code libraries, accelerating feature development and cutting time-to-market by 30%.
- Led the development of a React Native mobile app, achieving consistent user experiences across iOS and Android platforms.
- Optimized frontend performance, reducing time to first byte by 25%.
- Established a structured code review process that streamlined feedback and boosted team productivity, reducing faults by 35%.
- Built internal tools to automate the operations of the organisation.

MotoRoshi, *Frontend Engineer*   2019 – 2021
Mumbai, India
- Enhanced UX through image optimization, browser caching, and reduced HTTP requests, leading to a 17% increase in retention.
- Drove online sales up by 20% in the third quarter of 2021 by creating a faster and intuitive checkout process.
- Orchestrated the integration of design principles into technical specifications and created documentation referenced during onboarding.

📂 Projects

Connect, *Social Media Platform* ⧉
Twitter-inspired platform built with Next.js and PostgreSQL, focusing on real-time interactions and media sharing, exploring new features like the App Router, RSCs, and Server Actions.

VideoConnect, *1-1 Video Calling App* ⧉
WebRTC-powered video app enabling real-time peer-to-peer connections, using a STUN server for public IP discovery and WebSockets for signaling.

🎓 Education

BE in Electrical and Electronics Engineering, *Manipal Institute of Technology*   2012 – 2016
Udupi, India
Studied C++ fundamentals and computer architecture as open electives.