Soen Singh Khurana

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SUMMARY

Software Engineer with experience in full-stack development, realtime communication systems, and cloud infrastructure across web and mobile platforms. Skilled in building scalable applications using JavaScript, TypeScript, Next.js, WebRTC, Docker, AWS, and Linux-based production environments.

TECHNICAL SKILLS

- **Cloud & Infrastructure:** AWS, GCP, Docker, Linux, Caddy, Nginx, Coturn, WebRTC
- **Languages:** JavaScript, TypeScript, Python, C++
- **Frontend:** Next.js, React.js, Angular, GSAP
- **Backend & Realtime:** Node.js, Express.js, WebSockets, Firebase
- **Databases:** MySQL, MongoDB, PostgreSQL, Supabase
- **Tools:** Git, GitHub, Postman, REST APIs

PROJECTS

The Hotel Media [App Store | Play Store] - Cross-Platform Social & Real-Time Communication Platform.

Tech Stack: Flutter, Next.js, Node.js, WebRTC, Firebase, MongoDB, Nginx, AWS/Linux

- Architected, developed, and deployed a cross-platform social and communication platform across iOS, Android, and web featuring realtime messaging, media sharing, live feeds, and voice/video calling.
- Published production mobile applications on the App Store and Play Store with integrated realtime messaging and communication workflows.
- Engineered a custom WebRTC communication stack with SDP negotiation, ICE/TURN/STUN integration, WebSocket signaling, and cross-platform call handling using FCM, APNs, CallKit, and PushKit.
- Configured AWS-hosted Linux environments with Nginx, HTTPS/TLS routing, PM2 process management, and SSH deployment workflows supporting production communication services.

Logicxcel Infrastructure & Cloud Deployment System

Tech Stack: Linux, Nginx, Apache PySpark, Docker, Node.js, AWS, SSH

- Designed and deployed Linux-based cloud environments supporting backend services, AI workloads, automation systems, and distributed data-processing platforms.
- Built and maintained cloud-hosted backend infrastructure for APIs, Apache PySpark services, and internal platforms with secure HTTPS/TLS routing and reverse proxy configurations.
- Developed backend automation services including web push notification systems and Salesforce Journey Builder workflows using Node.js.
- Handled SSH-based server administration, deployment automation, domain hosting, infrastructure monitoring, and production environment optimization across multiple services.

EXPERIENCE

Junior Developer - Logicxcel **|** Dec 2025 – Present

- Designed and maintained production cloud environments for backend services, distributed computing workloads, and high-traffic applications using AWS, Linux, Docker, and Nginx-based deployment architecture.
- Built and optimized backend automation and deployment workflows using Node.js, HTTPS/TLS routing, reverse proxy configurations, and cloud infrastructure tuning to improve deployment consistency and production reliability across multiple environments.

EDUCATION

Lyallpur Khalsa College Technical Campus, Jalandhar

Bachelor's Degree in Computer Science and Engineering | July 2022 - May 2026