

SAUD UL HASSAN

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PROFESSIONAL SUMMARY

Software Engineer with 3+ years of experience building mobile and web applications **using React Native (Expo), MERN stack, and modern cloud tooling**. Skilled in **JavaScript/TypeScript, API integrations, and scalable architecture**. Experienced in **AWS, Docker, Kubernetes, Firebase, and Supabase**. Currently contributing to high-performance app development and **CI/CD workflows** at **BitForce Solutions**.

SKILLS

- **Languages:** JavaScript, Typescript
 - **Mobile:** React Native, Expo CLI, EAS
 - **Web:** React.js, Next.js, HTML/CSS
 - **Backend:** Node.js, Express.js
 - **Databases:** MongoDB, Firebase, Supabase
 - **DevOps:** GitHub Actions, NGINX, PM2, AWS (EC2, S3, Amplify), Google Cloud
 - **Others:** REST APIs, Postman, Redux, Context API
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EXPERIENCE

Software Engineer – BitForce Solutions

Feb 2023 - Present | Lahore

- **Application Development:** Developed and maintained cross-platform applications using JavaScript, React Native, and Expo, improving development efficiency through optimized workflows.
- **Full-Stack Engineering:** Worked with the MERN stack (MongoDB, Express, React/React Native, Node.js) to build scalable backend APIs and integrate them into mobile apps for seamless data communication.
- **Web Development:** Built and maintained responsive web interfaces using Next.js, ensuring fast performance, SEO optimization, and modern UI patterns.
- **DevOps & Deployment:** Supported deployment workflows using GitHub Actions, Docker, NGINX, and cloud platforms (AWS / Google Cloud), enabling smooth CI/CD and automated build pipelines.

Junior React Native Developer – INFLIP

Jan 2022 - Jan 2023 | Austin Tx | Remote work

- **Development:** Developed and maintained mobile applications using React Native and Expo Cli, improving development efficiency by 15% through streamlined workflows.
- **Integration:** Integrated third-party APIs to extend app functionality, ensuring smooth data flow and enhancing user interactions with external services.
- **Implementation:** Converted complex Figma designs into fully responsive, production-ready code, ensuring pixel perfect implementation and alignment with design specifications.

- **State Management:** Implemented and integrated Context, Atom, Redux for state management and APIs for data retrieval, leading to faster application response times and smoother performance.
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EDUCATION

Bachelor of Science in Computer Science (BSCS)

COMSATS University Islamabad

PROJECTS

Salsivo – Dance & Choreography Platform [\[Info\]](#)

- Built custom native modules (Swift/Obj-C, Java) bridged to React Native for video cropping/merging and playlist concatenation to create unified practice videos.
- Implemented subscriptions with RevenueCat (entitlements, paywalls, restore purchases) to gate premium content.
- Optimized app performance with Hermes and code-splitting; documented reusable UI components and loading states.

KickBack – Social Meetup App [\[Info\]](#)

- Email/password, Apple and Google sign-in; secure sessions via expo-secure-store; JWT attached through Axios interceptors.
- Real-time chat: socket.io-client + Gifted Chat for 1:1 and groups; create/update/delete groups, add/remove admins, mute/unmute, block/unblock, read receipts, media and place sharing.
- Performance & resilience: OTA updates via expo-updates (runtime versioning, channels), NetInfo-based offline handling, AsyncStorage fallbacks for purchases/status.

Seploy – Dual App TS Monorepo [\[Info\]](#)

- Built and maintained a **TypeScript monorepo with Yarn workspaces** supporting two React Native apps sharing typed UI components, hooks, and domain models.
- Delivered high-performance mobile apps using **Expo/EAS, Hermes, and Metro optimizations**, and implemented a shared Axios API client with typed responses and unified error handling.
- Integrated **Firebase push notifications, social authentication, and reCAPTCHA Enterprise**, and enabled robust media workflows via FFmpeg Kit for on-device encoding/transcoding.

Verito – SaaS Marketing Web Platform [\[Web\]](#)

- Built a scalable multi-product SaaS marketing platform using **Next.js App Router, React, Tailwind, and MUI**, with SEO-optimized dynamic routing.
- Optimized performance through **server components, memoization, and image optimization**, while reducing complexity in large UI modules.
- Centralized key datasets (navigation, pricing, FAQs) and delivered a **refactor + accessibility/SEO roadmap**, strengthening reliability and long-term maintainability.