+91 9950746862 | ishubham2101@gmail.com | shubhamgautam.in | github.com/ishubham21 | linkedin.com/in/ishubham21

EXPERIENCE

Headout, Senior Software Engineer

April 2025 - Present

- Built Dex Studio, a content management platform for AI-guided audio tours enabled teams to author scripts, generate audio content, manage checkpoints and itineraries, handle media, manage speakers and venues, and reliably publish AI-guided tours at scale.
- Led Design System V2 architected a token-based theming system, modular React Native component library, and CI build caching (Turborepo), reducing build time by 87% (4 mins → 30s).
- Redesigned Headout app's homepage with context-aware personalization (location, booking intent), boosting conversion by 5.2% and CTR by 3.7%.

Headout, Software Engineer

June 2023 - April 2025

- Spearheaded Headout's loyalty program implemented enrollment workflows, benefit tiers, and retargeting automation, improving long-term retention and LTV.
- Shipped a self-credit refund system handled \$900K+ in cancellations in the first month with \$100K retained as Headout credits.
- Built a multi-experience cart and intermediate recommendation layer enabling bundled bookings and increasing revenue by 3.75%.
- Built an intermediate combo up-sell stage during checkout led to an 11% increase in average order value.

Headout, Software Engineer Intern

Nov 2022 - June 2023

- Developed a shared coupon utility using React Native Web increased retention by 20% and enabled unified webapp promo campaigns.
- Drove 10+ A/B experiments on Next.js + React Native improving CTR up to 25% and CVR by 7%.

Warmspace, Software Engineer Intern

May 2022 - Jul 2022

- Increased React component test coverage from 3.1% to 21.3% using Jest and React Testing Library; integrated CI pipelines with GitHub Actions.
- Migrated video conferencing SDK from Agora to Daily.co and enhanced app stability by fixing bugs and shipping new features using React and TypeScript.

Major League Hacking, Fellow

Jul 2021 - Aug 2021

- Selected as a "Pre-Fellow" among 10,000+ applicants worldwide.
- Developed a browser extension to boost developer productivity by monitoring user pose, emotions, and attention.

TECH TALKS

React Summit 2025 Scaling React Apps with Parallelism Exploring Advanced Web Storage APIs

PROJECTS _

Sumedha | Link | TypeScript (Node), PostgreSQL, Prisma, Docker, React

- Designed a modular, scalable service-based MVC architecture powered by a Dockerized Postgres instance.
- Containerized APIs and database using Docker; orchestrated services with Docker Compose.
- Leveraged Prisma ORM for migrations, query optimization, and dashboard-driven database management.

Break | Link | React, Node.js, Express, MongoDB, Mongoose (ORM), Material-UI, JWT

- Built a browser-based code editor with multi-language support and persistent execution history.
- Boosted execution speed via efficient process management using Node.js child processes.
- Secured APIs with robust JWT-based authentication and route protection.
- Improved UX with front-end caching, PWA support, and optimized DB indexing.

EDUCATION _

Rajasthan Technical University, B. Tech in Information Technology

Jun 2019 - May 2023

CGPA: 9.52 / 10.0

Tech Finalist: Smart India Hackathon 2022 & Major League Hacking Fellow 2021

Lead: Google Developer Students Club 2022 | Postman Student Community | Mentored hackathons

SKILLS.

Proficient TypeScript, JavaScript, React, Next.js, Node.js, Build Tools (Webpack / Rollup / Babel)

Familiar Design Systems, React Native, Jest, React Testing Library