

# Suraj Kumar Gorai

Senior Software Engineer | React.js | TypeScript | Next.js | CI/CD | Application Architecture Enthusiast

Mobile: +91 76878 22468 | Email: gorai.suraj@gmail.com

LinkedIn: <https://www.linkedin.com/in/surajgorai> | Portfolio: <https://surajgorai.com>

---

## PROFESSIONAL SUMMARY

### Senior Frontend Engineer & Tech Lead

With over **12 years of experience**, I function as a highly experienced Senior Frontend Engineer, specializing in the architecture of scalable web and mobile applications, with a core focus on the **React/Next.js and React Native ecosystem**. My technical foundation is firmly established in **React.js, React Native, TypeScript, and Next.js**, underscored by a dedicated focus on performance optimization, the construction of robust, reusable component architectures, and the implementation of scalable frontend systems. In my full career, I have **developed more than 50+ Hybrid mobile applications** using different technologies from scratch to production.

I possess advanced proficiency in DevOps methodologies and system architecture, including the design, implementation, and maintenance of **CI/CD pipelines utilizing GitHub Actions**. I strategically employ AI-assisted tools, such as **GitHub Copilot**, to enhance code quality and accelerate project deployment. Furthermore, I am currently augmenting my expertise through specialized training in Application Architecture, ensuring the design of high-performing, secure, and readily maintainable system infrastructures.

I am proactively seeking demanding leadership opportunities (e.g., **Tech Lead, Senior Developer, or Team Lead**) within innovative organizations. My objective is to leverage my comprehensive expertise across the React/Next.js and React Native ecosystem and champion DevOps/CI/CD best practices to drive engineering excellence and foster collaborative synergy within a team environment.

---

# TECHNICAL SKILLS

## Frontend Engineering

- **Frameworks/Libraries:** React.js (Hooks, Context API, Custom Hooks), Next.js (SSR, SSG, ISR, API Routes), Angular 2+, IONIC 4+, Cordova
- **Languages/Styling:** TypeScript (Strict Mode, Advanced Typing), JavaScript (ES6+ Standards), HTML5, SCSS, Tailwind CSS
- **State Management:** Redux Toolkit, Context API, Zustand
- **Performance:** Code Splitting, Lazy Loading

## Mobile Development

- React Native
- Native Android Development

## Backend & Infrastructure

- **Cloud Services:** Azure (including deployment services)
- **Databases:** MongoDB, SQL, SQLite
- **Web/Application Servers:** Apache Tomcat, NGINX (configuration management)
- **APIs:** REST API Integration, GraphQL
- **Runtime:** Node.js (Full-stack development proficiency)

## DevOps & Version Control

- **CI/CD:** GitHub Actions (Design, automation, build, and deployment workflows)
- **Version Control Systems:** GitHub, Bitbucket, VSTS, SVN

## AI & Development Tools

- **GitHub Copilot:** Utilized daily to boost productivity and optimize code.
- **AI Agent Experimentation:** Actively exploring and developing with various AI coding models and frameworks.

# CORE COMPETENCIES

## Leadership & Project Management

- Team Leadership and Mentorship
- Project Planning and Execution (Agile Methodologies and Sprint Execution)
- Cross-functional Collaboration

## Client & Requirements Management

- Client Communication
  - Requirements Analysis
- 

## PROFESSIONAL EXPERIENCE

Sr. Project Engineer | Wipro Ltd. - Sep 2019 – Present

### Frontend Architecture & Development Leadership

- Pioneered and led frontend architecture using React.js and contemporary JavaScript frameworks.
- Drove the creation of reusable component libraries to build scalable UI systems.
- Successfully executed the migration of legacy applications to a modern React-based architecture.
- Enhanced application quality and security by introducing TypeScript for improved type safety, significantly reducing runtime bugs.
- Optimized application performance through techniques such as lazy loading and bundle splitting.
- Collaborated closely with backend teams to ensure seamless and secure API integration.

### Project Delivery & Process Excellence

- Spearheaded cross-functional development teams, ensuring projects were delivered successfully and on time.
- Managed client relationships, defined requirements, set clear expectations, and ensured high client satisfaction.
- Proactively identified project risks and implemented effective mitigation strategies.
- Streamlined deployment processes by implementing CI/CD pipelines using GitHub Actions.
- Improved team productivity and delivery efficiency through the introduction of significant process enhancements.
- Enforced strict adherence to coding standards, documentation quality, and organizational compliance.
- Elevated code quality through linting, mandatory peer reviews, and establishing clear coding standards.
- Leveraged **AI-driven development (GitHub Copilot)** to boost coding speed and dramatically reduce defects.
- Prepared essential project documentation and provided detailed status updates to senior leadership.

## Sr. Software Developer | IDC Technologies (Contractor for Wipro Ltd.) - Dec 2018 – Aug 2019

### Technical & Team Mentorship

- Developed robust, enterprise-level applications utilizing React.
- Translated complex business requirements into scalable and efficient UI modules through in-depth requirement analysis.
- Mentored junior developers on best practices in TypeScript and modern component architecture.

### Project Management & Stakeholder Alignment

- Led development activities and guided the team throughout the entire project lifecycle.
- Managed key stakeholder interactions to ensure technical deliverables consistently aligned with client business expectations.
- Conducted requirement-gathering sessions and maintained meticulous documentation accuracy.
- Proactively managed risk identification, mitigation strategies, and resolved complex problems.

## Earlier Experience (2013 – 2018)

- Gained extensive experience in hybrid and mobile application development (React Native, Ionic, Sencha).
- Managed full lifecycle delivery, specializing in cross-platform solutions.

## EDUCATION

- **Master of Computer Applications (MCA)**  
Hindustan Institute of Technology, Chennai — May 2013
- 

## ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Bengali
- **Training:** Application Architecture (Ongoing)
- **AI Skills:** Hands-on experience using GitHub Copilot for code generation, refactoring, and productivity enhancement

---

## ACHIEVEMENTS & INTERESTS

- **Cricket:** Player in Shell Premier League; **Player of the Match award recipient**
- **Chess:** Advanced to Level 5 in the Company Chess Tournament
- **Swimming:** Participant in local competitions for over 3 years

---

## DECLARATION

I declare that the information provided is true and accurate to the best of my knowledge.

— **Suraj Kumar Gorai**