# GOURAV MUKHERJEE

## Software Engineer — ReactJS Specialist — Frontend Developer

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## Professional Summary

Software Engineer with **3+ years of experience in contributing to architecture, design, and implementation of products**. Strong expertise in modern web technologies including **JavaScript (ES Next)**, **ReactJS**, **HTML5**, **CSS/Sass** with proven track record of building scalable applications serving **1M+ business records** across **1000+ franchise locations**. Experienced in **Agile methodologies**, **code reviews**, **technical leadership**, and **mentoring engineers**. Expertise in **responsive application development**, **unit testing**, **E2E testing**, **CI/CD automation**, and **problem solving** with strong **DSA** foundation.

## Technical Skills

**Frontend Technologies**: ReactJS (3+ years), JavaScript (ES Next), TypeScript, Next.js, HTML5, CSS3, Sass, Tailwind CSS, Redux, Material-UI
**Testing & Quality**: Jest, Unit Testing, E2E Testing, Test-Driven Development, Code Reviews
**Backend & Database**: Node.js, Express.js, PostgreSQL, MongoDB, RESTful APIs, GraphQL, Socket.io
**Programming Languages**: JavaScript, TypeScript, Python, Java
**Cloud & DevOps**: AWS (EC2, S3, CloudFront), Docker, CI/CD (Jenkins, GitHub Actions), Automation Scripts
**Tools & Platforms**: Git, Storybook, Postman, Figma
**Core Concepts**: Data Structures & Algorithms (DSA), Object Oriented Programming (OOP), Software Engineering, Agile Methodologies, Problem Solving, Performance Optimization

## Professional Experience

### Software Engineer — 7-Eleven Global Solution Center                              Aug 2022 – Present
*Bengaluru, India*

- **Architecture & Design Leadership:** Led **technical design and implementation** of MDMS platform serving **1M+ business records** across **1000+ franchise locations**, contributing to architecture decisions **from inception to release**
- **ReactJS Development:** Built and maintained scalable frontend applications using **ReactJS with 3+ years hands-on experience**, developing **reusable React components** with TypeScript that reduced feature development time by **30%**
- **Code Quality & Reviews:** Implemented comprehensive **Jest unit testing suite** and conducted regular **code reviews**, achieving **40% reduction in UI bugs** and improved code reliability following **best coding practices**
- **Technical Leadership & Mentoring:** Led cross-functional **Scrum teams** and **mentored junior engineers**, providing technical guidance and support to **less experienced engineers** in React ecosystem and modern development practices
- **Agile Methodology:** Worked extensively in **Agile work environment**, participating in sprint planning, daily standups, and retrospectives while understanding requirements and tackling complex problems with **Scrum team**
- **Responsive Application Development:** Designed and developed **responsive applications with good architecture and UI**, implementing advanced features like **real-time data locking system** using WebSocket
- **CI/CD Automation:** Built **automation scripts and tools to support CI/CD pipeline**, collaborating with DevOps teams to optimize deployment processes and reduce deployment time by **60%**
- **Problem Solving & DSA:** Applied strong **problem-solving skills** and **Data Structures & Algorithms** knowledge to optimize application performance and resolve complex technical challenges
- **Backend Integration:** Contributed to **backend API architecture** using Node.js and PostgreSQL, ensuring data integrity across critical business workflows

### Frontend Developer Intern — Ericsson                                           May 2022 – Aug 2022
*Kolkata, India*

- **Modern Web Technologies:** Developed **enterprise tools** using **ReactJS** and **JavaScript (ES Next)**, improving UI responsiveness and maintainability for internal teams
- **Code Refactoring:** Refactored legacy codebase implementing **reusable components** following modern React **best practices** and design patterns
- **Agile Collaboration:** Collaborated cross-functionally with design and backend teams in **Agile environment**, delivering features on schedule through effective communication
- **Code Reviews:** Participated in **code reviews** and sprint planning, gaining experience in professional development workflows and quality assurance processes

## Key Projects

**7-Eleven International Web App** | Next.js, TypeScript, Tailwind CSS, Shadcn, Strapi, AWS SES                **Jan 2024**

- **Team Leadership:** Led 3-developer team to build high-performance franchisee web app, providing technical design and **leadership** from inception to release.
- **Architecture & Performance:** Architected **Next.js App Router** solution achieving **30% improvement** in page load times with **responsive design** and enhanced accessibility compliance.
- **Component Development:** Built comprehensive **component library** with shadcn/ui and **Storybook documentation**, accelerating feature delivery by **30%** and ensuring design consistency.
- **CMS Integration:** Integrated **headless CMS** for dynamic content management, enabling non-technical teams to update content independently.
- **Email Infrastructure:** Implemented **automated email notifications** using **Amazon SES** with Strapi email plugin provider, enabling scalable transactional email delivery for franchisee communications.
- **Compliance & Privacy:** Deployed **GDPR-compliant cookie banner** and privacy policy management using **Iubenda**, ensuring legal compliance across international markets.
- **Product Catalog System:** Developed **private brand catalog** with **multi-country support**, featuring dynamic product filtering by PSA, category, and region with **advanced search functionality** for franchisee members.

**Gaming Portfolio Website — Personal Project** | Live Demo | Next.js, TypeScript, Tailwind CSS, GSAP                **2024**

- **Responsive Development:** Built **responsive** gaming-focused website with interactive UI elements demonstrating proficiency in modern web development stack
- **Performance Optimization:** Implemented **GSAP animations** and optimized performance through **Next.js** features including image optimization and efficient routing
- **TypeScript Architecture:** Developed **TypeScript-based** component architecture with Tailwind CSS ensuring type safety and maintainable styling

## Education

**Bachelor of Technology in Information Technology**                **July 2019 – July 2022**

*Jalpaiguri Govt Engineering College — CGPA: 8.01*                *Jalpaiguri, India*

## Certifications & Achievements

**React Developer Certification** (2022) — Advanced React Patterns and Performance Optimization

**Recognition:** Earned Spot awards in Q2 2023, Q1 2024, and Q1 2025 at 7-Eleven for outstanding contribution to MDMS platform and 7-Eleven International Website

**Hackathon:** Ranked second in 7-Eleven Hackathon 2023 for developing AI chatbot using RASA

**Problem Solving:** Solved **700+ Data Structures & Algorithms** problems on platforms like LeetCode, GeeksforGeeks with **3\* rating** on CodeChef

**Mentorship:** Mentored students at AccioJob platform in **Data Structures and Algorithms**, supporting **less experienced engineers** in technical growth