

RAJAT SAXENA

UI / Full Stack Engineer | JavaScript, TypeScript, React, Component Architecture, AI-Integrated Web Apps
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PROFESSIONAL SUMMARY

UI / Full Stack Engineer with 3 years of experience building modular, reusable web components and AI-powered interfaces in JavaScript, TypeScript and React, backed by Node.js and Java services. Built a component library that cut feature development time by 30% and helped scale a product 33× to 10,000+ users. Integrated Gemini-based LLM workflows into production-style applications (document extraction, conversational search). Owns work from requirements and design through unit testing, code review, delivery and production support.

SKILLS

Frontend / Web Platform: JavaScript, TypeScript, React.js, Next.js (server-side rendering), HTML5, CSS3, Tailwind CSS, Component-Driven Architecture, Reusable UI Libraries, State Management, Responsive UI

Backend: Java, Node.js, Express.js, RESTful APIs, Microservices

AI Integration: Gemini API, LLM-based document extraction, conversational (chat-style) product search, human-in-the-loop review workflows

Engineering Practices: Object-Oriented Design, Design Patterns, Data Structures & Algorithms, Unit Testing (Jest), TDD, Code Reviews, Performance & Scale Optimization

Tools & Platforms: Git/GitHub, GitHub Actions CI/CD, Docker, AWS, Google Cloud, Linux/Unix tooling, IDE debuggers, Production Monitoring

Databases: PostgreSQL, MySQL, MongoDB, Redis

Mobile: Flutter, Dart

WORK EXPERIENCE

Software Engineer | Pixie

Oct 2025 – Present

- Design and ship modular UI features across a React/Next.js web client, Flutter app and Java backend, supporting a product that scaled from 300 to 10,000+ users (33×) in 8 months.
- Define REST API contracts and shared data models that keep web and mobile clients consistent, simple to extend and validated.
- Enforce engineering quality through code reviews, unit testing and GitHub Actions CI/CD; monitor production on AWS and troubleshoot issues to keep releases stable and performant at scale.
- Partner with product owners in Agile/Scrum to refine requirements, estimate work and own features from design through release.

Software Developer | Digi 9 Reach Pvt. Ltd., Bengaluru

Aug 2023 – Sep 2025

- Architected a reusable React/TypeScript component library (Tailwind CSS) adopted across 5+ internal dashboards, cutting new-feature development time by 30% and giving teams a consistent, customizable UI foundation.
- Wrote Jest unit tests using TDD and automated builds and deployments with Docker and GitHub Actions to keep quality high.
- Built full-stack features with React, Next.js (SSR) and TypeScript on Node.js REST APIs for a production system serving 10,000+ users, owning client-server integration end to end.
- Led a feature from requirements to deployment, designing a microservices architecture and data dashboard for an auto-parts warehouse management system.
- Built statistical analysis dashboards on user activity for e-commerce applications.

PROJECTS

Kin: AI Family Health Record Platform | React, Node.js, MongoDB, Google Cloud Run, Gemini

- Built an AI-driven web platform that uses Gemini to extract structured data from lab-report PDFs and prescription photos, with page-level provenance and a confidence-gated human review queue.

AutoDM: AI Instagram Shopping Assistant | Java, TypeScript, Shopify API, Instagram API, Gemini API

- Built a conversational shopping assistant that connects the Shopify catalog and Instagram messaging with Gemini for natural-language product search and Q&A inside DMs.

Nazdeek: Location-First Rental Marketplace | TypeScript, Next.js, PostgreSQL, PostGIS

- Built a map-first, server-rendered Next.js/TypeScript UI with PostGIS radius search and automatic radius widening for sparse localities, optimizing for query performance and relevance.

EDUCATION

B.Tech, Computer and Communication Engineering

Aug 2019 – Jun 2023

Manipal University Jaipur | CGPA: 7.8/10