

Saurabh Gupta

Senior Full Stack JavaScript Engineer

SUMMARY

- Software engineer with 10+ years in full-stack JavaScript, specializing in scalable web, hybrid mobile, and cross-platform desktop applications using React, Next.js, Node.js, and TypeScript.
- Proven track record in designing microservices, REST/gRPC APIs, and cloud infrastructure automation with AWS, Docker, Kubernetes, and Terraform.
- Led development of enterprise-grade platforms including e-commerce, telecom microservices, and aviation weather systems, emphasizing modularity, security, and performance.
- B.Tech in Computer Science with strong open-source contributions to Ionic and Capacitor ecosystems, demonstrating commitment to community and innovation.

TECHNICAL SKILLS

Main Technical Skills	JavaScript (10 yr.), TypeScript (5 yr.), React (8 yr.), Node.js (8 yr.)
Programming Languages	JavaScript (10 yr.), Python (1 yr.), TypeScript (5 yr.)
Mobile Frameworks and Libraries	Capacitor, Crashlytics
JavaScript Libraries and Tools	Electron, React Native (3 yr.), Redux-Saga (2 yr.), Strapi (2 yr.)
AI & Machine Learning	n8n, OpenAI (3 yr.)
JavaScript Frameworks	Next.js (4 yr.), Node.js (8 yr.), React (8 yr.), Svelte (2 yr.), Vue.js (3 yr.)
Java Libraries and Tools	Tauri
Rust Frameworks	Tauri
Databases & Management Systems / ORM	AWS DynamoDB, MySQL (3 yr.), Oracle Database (2 yr.), Prisma (3 yr.), Redis (3 yr.), SQL, Supabase
UI Frameworks, Libraries, and Browsers	HTML5, ShadCN, Tailwind CSS (3 yr.)
Cloud Platforms, Services & Computing	Vercel
Amazon Web Services	AWS DynamoDB, AWS EC2, AWS Lambda (3 yr.), AWS S3
Virtualization, Containers and Orchestration	Docker (4 yr.), Kubernetes (3 yr.), Terraform (2 yr.)

SDK / API and Integrations	GraphQL, RESTful API (5 yr.), Stripe, Twilio
Mail / Network Protocols / Data transfer	GRPC
Deployment, CI/CD & Administration	Jenkins (3 yr.)
Methodologies, Paradigms and Patterns	microservices (3 yr.)
Message/Queue/Task Brokers	RabbitMQ (3 yr.)
Other Technical Skills	Deno, Social SDK (2 yr.)

WORK EXPERIENCE

Freelance Software Consultant / Architect (Enterprise E-Commerce Platform & Admin Back-Office)

Duration: 2024

Summary: Led end-to-end full-stack development of features for a high-traffic client-facing e-commerce application including a comprehensive back-office admin portal integrating 3rd-party SaaS platforms.

Responsibilities:

- Developed front-end and back-end features using modern JavaScript frameworks and tools.
- Integrated third-party SaaS platforms such as Zendesk and Mixpanel.
- Managed infrastructure migration using Terraform and AWS Lambda.

Technologies: Node.js, PostgreSQL, TypeScript, React, React Native, Next.js, Prisma, Tailwind CSS, Terraform, AWS

Freelance Software Consultant / Architect (Desktop Gaming Portal UI System)

Duration: 2025

Summary: Architected and developed a scalable design system and custom component library integrated into a custom desktop application with IoT capabilities.

Responsibilities:

- Designed and implemented a scalable UI design system and component library.
- Integrated the UI into a desktop application interfacing with IoT devices.
- Ensured quality control through comprehensive testing and deployment maintenance.

Technologies: React, TypeScript, Tailwind CSS



Freelance Software Consultant / Architect (Enterprise HR Research & Analytics Platform)

Summary: Architected an on-demand research platform providing in-depth analysis, news, and market trends to global HR professionals with a configurable CMS-like portal.

Responsibilities:

- Designed and built web-based tools to manage content lifecycle.
- Developed a highly configurable portal for HR research and analytics.

Technologies: Oracle, PostgreSQL, Node.js, .NET, Docker, Jenkins, Nexus, Kubernetes, Ionic, Vue.js, AngularJS

Freelance Software Consultant / Architect (Telecom Services Microservices Architecture)

Summary: Engineered a telecom application with a scalable microservice architecture to provision telecom services to enterprise customers, including a React Native mobile app for customer interactions.

Responsibilities:

- Developed scalable microservices for telecom service provisioning.
- Created a React Native mobile application as the primary customer interface.

Technologies: Node.js, MySQL, Camunda BPM, Redis, RabbitMQ, Docker, Kubernetes, Jenkins, SonarQube, React Native

Freelance Software Consultant / Architect (Aviation Weather Companion Ecosystem)

Summary: Developed a web and mobile application providing commercial pilots with real-time weather patterns and route information, integrating external radar systems for accurate storm data.

Responsibilities:

- Developed server APIs integrated with external radar systems.
- Built web and mobile applications for real-time weather and route information.

Technologies: Node.js, MySQL, Redis, RabbitMQ, Docker, Kubernetes, React, Vue.js

Freelance Software Consultant / Architect (Educational Management & Recruitment Solutions)

Summary: Developed a comprehensive web-based management solution and a hybrid mobile app to streamline grade processing and large-scale college recruitment drives.

Responsibilities:

- Developed web applications for educational management.
- Created hybrid mobile applications using Ionic and AngularJS for recruitment assistance.

Technologies: Ionic, AngularJS



Freelance Software Consultant / Architect (Privacy-Centric Modular Tracking Ecosystem)

Summary: Architected a universal, modular cross-platform application for private tracking of personal metrics with secure end-to-end encrypted backup and zero-knowledge cloud storage.

Responsibilities:

- Designed and implemented privacy-centric modular tracking application.
- Implemented secure E2EE backup options ensuring data privacy.

Freelance Software Consultant / Architect (Local AI Financial Document Parser)

Summary: Architected a privacy-first AI application using Small Language Models to parse bank and credit card statements from PDFs into structured JSON data running entirely on-device.

Responsibilities:

- Designed AI-native application for financial document parsing.
- Ensured on-device processing for absolute data privacy.

Technologies: Local LLMs

Senior Software Engineer - Financial Technology Enterprise (Internal Data and Verification Tools & Client-Facing Portals)

Duration: June 2020 – June 2021

Summary: Led full-stack development of critical internal data and verification tools and developed new modules and features for high-traffic client-facing portals in the financial technology sector.

Responsibilities:

- Led development of internal operational tools.
- Developed new modules and complex features for client portals.
- Upgraded existing systems and resolved critical bugs.

Technologies: React, Redux, Node.js, PostgreSQL, Python, Docker, AWS

Senior Software Engineer - Global IT Consulting Firm (Mobile Backend APIs and Enterprise Application Microservices)

Duration: May 2019 – June 2020

Summary: Collaborated onsite with product owners to develop APIs for mobile backend and scalable microservices to extend enterprise applications, ensuring compliance with industry best practices.

Responsibilities:

- Developed APIs for mobile backend based on customer feedback.
- Engineered scalable microservices for enterprise applications.
- Participated in code reviews and created unit tests.

Technologies: Node.js, REST APIs, Microservices



Senior Software Engineer - Global HR Consulting Firm (Hybrid Mobile Applications and Web Applications with DevOps Pipelines)

Duration: Aug 2016 – Apr 2019

Summary:

- Managed design, development, and deployment of hybrid mobile applications and web applications integrated with Node
- js and PostgreSQL, implementing automated DevOps pipelines on AWS

Responsibilities:

- Designed and developed hybrid mobile applications.
- Developed web applications with modern front-end frameworks.
- Implemented automated DevOps pipelines using AWS.

Technologies: Node.js, PostgreSQL, AWS, Ionic, Vue.js, AngularJS

Software Engineer - Software Services Provider (Hybrid Mobile Applications and Web Frontends for Education Sector)

Duration: Aug 2013 – Aug 2016

Summary: Developed hybrid mobile applications using Ionic and web frontends with AngularJS for the education sector, managing deployment and versioning on Google Play Store and Apple App Store.

Responsibilities:

- Developed hybrid mobile applications using Ionic framework.
- Created web frontends with AngularJS.
- Managed deployment and versioning on app stores.

Technologies: Ionic, AngularJS

EDUCATION

• B.Tech (Honors)

Rajasthan Technical University, 73%
June 2009 – June 2013

