

SURAJ SINGH RATHORE

Full-Stack AI / Software Developer | TypeScript | Node.js | AI Automation | APIs

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PROFESSIONAL SUMMARY

Software Developer with 3+ years of hands-on experience building production web applications and full-stack systems using TypeScript, Node.js, Angular, Next.js, REST APIs, MongoDB, Firebase and WebSockets. Experienced in API integration, authentication, real-time systems, asynchronous workflows, debugging, performance optimization and end-to-end feature delivery. Currently building AI-assisted automation projects including lead management, job application workflows and AI agent orchestration using TypeScript and Node.js. Strong focus on practical problem solving, rapid prototyping, clean architecture and production delivery.

TECHNICAL SKILLS

Languages & Frontend: TypeScript, JavaScript, Angular, Next.js, HTML5, CSS3, SCSS, Responsive UI

Backend & APIs: Node.js, Express.js, REST APIs, API Design, API Integration, Authentication, WebSockets

AI & Automation: AI-assisted development, AI agents, workflow automation, multi-step workflows, task orchestration

Async & Real-time: RxJS, switchMap, exhaustMap, combineLatest, BehaviorSubject, WebSockets, asynchronous workflows

Data & Integration: MongoDB, Firebase, third-party integrations, real-time synchronization

Testing & Quality: Cypress, Unit & E2E Testing, Postman, regression testing, debugging, code quality

Cloud & DevOps: AWS (EC2, S3, RDS, EKS), Docker, Kubernetes, Git, GitHub, CI/CD

Mobile & Desktop: Ionic, Capacitor, Cordova, Electron, Android, iOS

Practices: Agile/Scrum, Clean Code, Reusable Components, Code Reviews, Performance Optimization

AI Tools: ChatGPT, Claude, Cursor, Windsurf

PROFESSIONAL EXPERIENCE

Software Developer | Code Alchemy Pvt Ltd, Surat, Gujarat

Sept 2023 – Present

- Develop production web applications and full-stack features using TypeScript, Angular, Node.js, REST APIs, WebSockets and database integrations.
- Build reusable components and modular application architecture with a focus on maintainability, scalability and clean code.
- Implement API-driven workflows, authentication, asynchronous data handling, reactive state management and robust error handling.
- Build real-time and asynchronous workflows using RxJS, WebSockets and event-driven data flows.
- Integrate REST APIs, Firebase, WebSockets and authentication systems for secure, real-time and data-driven application workflows.
- Develop end-to-end features across frontend and backend services, including API integrations, database workflows and production debugging.
- Optimize application performance, API handling, data flows and rendering while troubleshooting production issues and improving reliability.
- Collaborate with engineering, product, design and QA teams in Agile/Scrum environments and participate in debugging and code reviews.
- Use Cypress and Postman for testing and API validation, supporting regression testing and quality-focused delivery.
- Work with Node.js, Express.js, MongoDB, Next.js, Docker, Kubernetes and AWS to support full-stack application delivery.

KEY PROJECTS

Ramp Raptor – Event & Campaign Management Platform | Live Project | Next.js, Node.js

- Built campaign and influencer-management workflows across frontend and backend for brands, admins and SBA users.
- Built role-based dashboards, analytics views, reusable components, APIs and real-time data workflows.
- Implemented social-media reel tracking using hashtags/mentions, analytics and payment-related workflows.

TBS ePrintiT – Web-to-Print Library System | Google Play, 10K+ downloads | Angular, Hybrid Mobile

- Developed a cloud-based printing platform supporting document uploads, PDF previews, print-job management and credit/payment workflows.
- Built responsive Angular UI and custom mobile plugins for screenshot capture and document handling.

- Shipped the Android app to Google Play, where it holds a 4.2 rating and 10K+ downloads, connecting users with print locations such as libraries.

1CRM Elevate – Multi-Region CRM Platform | *Live Project* | *Angular, Ionic* | *US, UK, France and Germany deployments*

- Developed features and fixes for 1CRM Elevate, a CRM product delivered as separate regional applications for the US, UK, France and Germany.
- Maintained consistent behaviour, integrations and release quality across multiple regional deployments.

Company Portal – Multi-Tenant Employee & Task Management System | *Live Project* | *Electron, Angular, Ionic*

- Developed a scalable multi-tenant platform for multiple organizations covering employee management, task tracking, leave, invoices and holidays.
- Implemented real-time task updates, internal chat and productivity tracking using WebSockets and RxJS.
- Built standalone Angular components, reactive forms, lazy-loaded modules, route guards and reusable shared components.
- Worked on responsive enterprise UI, authentication flows, API integration and performance-focused frontend architecture.

Lead Radar – Freelance Lead Discovery & Outreach Platform | *Live Project* | *Full-Stack, AI Automation*

- Built a full-stack platform that pulls job postings from 7 free sources (RemoteOK, Remotive, We Work Remotely, Hacker News, Greenhouse/Lever/Ashby, Reddit) three times a day into a deduplicated shared store.
- Designed a rules-based scoring engine that ranks postings against a user profile using keyword, title and contract signals, with a visible reason for every score.
- Automated contact discovery from company pages and AI-assisted outreach drafting, with a human review queue so no email sends without approval.
- Implemented email-verified accounts with per-user data isolation, scheduled refresh jobs, CSV export and a mobile-first interface.

AnyLife Digital Marketing – Agency Website | *Live Project* | *Next.js*

- Designed and developed the agency website end to end, covering services, process, client showcase, reviews and FAQ sections.
- Built a mobile-first, WhatsApp-integrated enquiry form that opens a pre-filled message to capture leads.
- Implemented SEO foundations including meta tags, Open Graph and Twitter cards, canonical URLs and an indexable page structure.

Appointify – Appointment Booking Platform | *Live Project* | *Angular, Ionic*

- Built a real-time appointment booking platform with vendor availability, slot management and responsive booking workflows.
- Integrated Razorpay payments, Firebase, notifications and WebSocket-based real-time synchronization.
- Created reusable Angular/Ionic components and mobile-responsive interfaces for booking and vendor management.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science | Rajiv Gandhi Technological University, Madhya Pradesh

2023

ADDITIONAL INFORMATION

Languages: Hindi, English, Gujarati

Project Links:

Ramp Raptor – Campaign & Influencer Platform: ramp.tech

TBS ePrintiT (ePRINTit SaaS) on Google Play: play.google.com/store/apps/details?id=com.eprintitsaas.mobile

Company Portal: cubikle.app

Lead Radar: lead-radar-site.vercel.app

AnyLife Digital Marketing: anylife.in

John Deere Landing Page: johndear-landing-page-frontend.vercel.app