

# Shivang Rathore

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## Professional Summary

Full Stack Developer and technical content creator passionate about systems design, developer tooling, and web performance. Experienced in building end-to-end applications using TypeScript, React, Go, and WebAssembly. Creator of projects simulating real-world challenges—from real-time systems and scalable APIs to containerized sandboxed runtimes. Founder of **Seekh Code**, a blog and video series helping developers master backend and architectural concepts.

## Technical Skills

- **Frontend Development:** React, Next.js, TypeScript, JavaScript, Tailwind CSS, HTML5, CSS3
- **Backend Development:** Node.js, Express.js, Golang, Python, RESTful APIs, WebRTC, Socket.IO
- **Database Technologies:** PostgreSQL, MongoDB, MySQL, Redis, Prisma ORM, Drizzle ORM
- **DevOps & Tools:** Docker, Git, Linux, CI/CD, GitHub Actions, Vercel, Turborepo
- **Cloud & Services:** Cloudinary, Stripe Integration, Resend, WebAssembly

## Professional Experience

### Junior Full Stack Developer

FlightKite

📅 July 2025–Present

📍 Remote

- Joined early-stage travel tech startup as a full stack engineer
- Developing features using Next.js, Nest.js, Node.js, PostgreSQL, and Tailwind CSS
- Contributing to the monolithic-to-modular architecture transition and CI/CD pipelines
- Collaborating closely with the CTO and small team to iterate rapidly on user-facing features

## Education

### Bachelor of Computer Applications (B.C.A.)

LNCT University, Bhopal

📅 2021–2024

📍 Bhopal, Madhya Pradesh, India

## Featured Projects

### Chai Programming Language *Golang, WebAssembly, React, Tailwind CSS, TypeScript* [Github]

📅 2025

- Designed and implemented a toy programming language in Go with WebAssembly compilation target
- Built a browser-based IDE using React to execute code securely in the browser
- Modular lexer/parser with pluggable backends; inspired by LLVM and TinyGo patterns

### Social Connect *Next.js, Express.js, Socket.IO, Drizzle ORM, Cloudinary, TypeScript* [Github]

📅 2025

- Real-time social platform with messaging, notifications, and hashtag support
- Built optimistic UI interactions, user mention system, and real-time polling using Socket.IO
- Architected as a scalable monorepo using Turborepo and TypeScript strict mode

### Casify *Next.js, Express.js, Prisma ORM, Stripe, Cloudinary, TypeScript* [Github]

📅 2024

- E-commerce platform for selling custom phone cases with end-to-end payments via Stripe
- Integrated secure image uploads using Cloudinary and implemented email-based order tracking
- Developed internal admin portal with analytics, order management, and refund tools

### Code Compiler *Next.js, Express.js, Redis, Prisma ORM, Docker, CodeMirror, TypeScript* [Github]

📅 2025

- Online code editor supporting 4+ languages with Docker-based sandboxed execution
- Implemented real-time execution pipeline, Vim keybindings, and Redis-based caching
- Focused on isolation, performance, and testable language modules

## Content Creation & Community

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**Creator – Seekh Code** | YouTube | Website

- Publish deep-dive technical content around backend systems, architecture, and performance tuning
- Created video series covering topics like WebSockets, infinite scroll, authentication flows, and SSR
- Maintained a developer-focused blog with 20+ articles aimed at mid-level devs and self-taught learners
- Building a niche developer community through educational content and open-source discussions