Rohan Sinha

Frontend-focused full-stack engineer with expertise in React.js, Next.js, TypeScript, and PostgreSQL. Passionate about building scalable, data-driven applications and optimizing UI/UX for complex workflows. Experienced in developing high-performance web platforms, integrating APIs, and collaborating cross-functionally to align software solutions with business needs.

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COMPETENCIES & SKILLS
🖥️ **Frontend:** React.js, Next.js, TypeScript, TailwindCSS, Headless UI, Zustand, HTML, CSS
🛠️ **Backend & APIs:** Node.js, Express, NestJS, FastAPI, PostgreSQL, Redis, GraphQL, RESTful APIs
☁️ **Cloud & DevOps:** AWS (S3, Lambda, EC2, CloudFormation), Docker, CI/CD, GitHub Actions
🧪 **Testing & Monitoring:** Jest, Cypress, Postman, Sentry, JIRA
🔒 **Security & Performance:** OAuth, Authentication, Infrastructure as Code (IaC), API Optimization

SOFTWARE DEVELOPMENT PROJECTS

- *Karaoke* — **JavaScript, Express, MongoDB, HTML, CSS**
  - Designed a full-stack CRUD application with user authentication and personalized playlists, reducing manual song selection time by 50%.
- *Carepulse* — **Typescript, NextJS, Tailwind, Appwrite, Sentry**
  - Designed a secure scheduling platform for healthcare providers, increasing engagement by 35%.
  - Optimized API interactions and database queries, reducing response times by 60%.
  - Integrated CI/CD pipelines with automated testing for reliable deployments.

- *Carhub* — **Typescript, NextJS, Tailwind, HeadlessUI, Rapid API**
  - Developed a dynamic car search platform with advanced filtering, improving search efficiency by 70%.
  - Integrated external APIs for real-time data retrieval, cutting API latency by 50%.
  - Implemented server-side caching for high-traffic endpoints, reducing DB queries by 40%.

RELEVANT EXPERIENCE

Software Engineer | Freelance | *New York, NY*   August 2023 - Present
- Develop and maintain full-stack applications using Next.js, Express, PostgreSQL, improving system performance and UX.
- Lead UI/UX development for complex workflows, building responsive, reusable React components.
- Implement secure authentication and API integrations, reducing response times by 60%.
- Collaborate with business stakeholders and engineers to align technical solutions with company goals.

Software Engineer Intern | Lukka | *New York, NY*   June 2024 - September 2024
- Optimized financial analytics platform, improving load times by 35%.
- Developed data pipelines with Snowflake and AWS Lambda, reducing processing times by 50%.
- Increased test coverage by 40%, improving software reliability.

Account Executive | Echo Global Logistics | *Brooklyn, NY*   August 2020 - September 2024
- Automated logistics data pipelines using SQL and Python, reducing manual reporting by 75%.
- Designed internal dashboards and workflow automation tools, improving operational efficiency.
- Optimized inventory tracking systems, reducing delays by 30%.

Product Manager | Groupon | *Chicago, IL*   May 2014 - November 2017
- Led full-stack feature development using React.js and Node.js, increasing engagement by 30%.
- Designed QA testing pipelines, reducing production issues by 65%.
- Improved system scalability, generating $750K in additional revenue.

EDUCATION

General Assembly | Software Engineering — *New York, NY*

Texas A&M University | B.A. — *College Station, TX*