Sohail Shrestha

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Technical Skills

Languages: Typescript, JavaScript, Python, Java, Kotlin, HTML, CSS, SQL (Postgres), NoSQL(MongoDB)
Frameworks: React, Node.js, React Native, Android, Next.js, Nest.js, express.js, Fast API, TailwindCSS
Developer Tools: Git, Docker, Kubernetes, AWS, VS Code, ArgoCD, Jenkins
Libraries: Open AI SDK, Redux, Axios, auth0, TypeORM

Experience

Senior Software Engineer   Jun 2024 - Present
G LNK (YC 25)   *United States*
- Built an MVP in one week with a team of two, enabling the company to secure Y Combinator funding.
- Created foundational front-end and back-end architecture, which scaled across all future projects.
- Replaced monolithic OpenAPI SDK with microservices, eliminating request bottlenecks and improving performance by over 50%.
- Developed AI-powered search and Kanban board with Redis caching to handle latency, reducing loading times from 10s to 0s and significantly enhancing UX.

Senior Software Engineer   May 2023 – Jun 2024
Mynth   *United States*
- Deployed Kubernetes infrastructure with Vault (for security), Datadog (for monitoring), and ArgoCD (for CI/CD), reducing downtime from 15 minutes to 0.
- Built a full-stack web app (Next.js, Payload CMS, Auth0) with MVP ready in 1 month, collaborating in a team of four.
- Automated Kubernetes image updates in Node.js with version checks via a Python cron job, cutting update time from 15 minutes to 0.

Senior Software Engineer   July 2021 - Mar 2024
Fusemachines   *Nepal*
- Built a chat feature through rapid prototyping and reuse, reducing development time from 3 weeks to 2 days.
- Led R&D and integrated GetStream, Google Maps, and Auth0, reducing implementation time by over 50%.
- Managed a full-stack MVP with a team of 2, achieving a 100% crash-free rate for 4,000 users (Firebase analytics).
- Architected Opensearch infrastructure, reducing platform search time from 10 seconds to milliseconds.
- Optimized backend API using Datadog for analysis, decreasing response times from 5 seconds to 120ms.

Software Engineer   Jun 2018 - Jun 2021
Tootle   *Nepal*
- Increased app stability from 60% to more than 90%.
- Reduced Google reverse geocoding billing by more than 50%
- Introduced proper architecture to app, making it more easier to maintain and implement new feature.

Projects

GLNK Search | *Next.js, Tailwind CSS, Redux, Mongo DB, Python, Fast API, OpenAI*   Jan 2025 – Jun 2025
- ∗ Developed a full-stack web application using with Next JS, OpenAI SDK, Python, Mongodb and Fast API.
- ∗ Reduced repeat search time from 30s to milliseconds using Redis caching.
- ∗ Delivered core features like AI based search, payment, and outreach tools.

Mynth | *Next.js, express.js, node.js, python, Docker, Kubernetes, Vault, ArgoCD*   May 2023 – May 2024
- ∗ Migrated infrastructure to Kubernetes, cutting server billing by 50%.
- ∗ Implemented enterprise-grade Auth0 security across ArgoCD and CMS.
- ∗ Delivered MVP within 1 month using Next.js.

Education

Sharda University   India
Bachelors In Computer Applications   *Aug. 2015 – May 2018*