

Vaibhav Raj Singh

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Work Experience

Kong Inc.

Bengaluru

SENIOR SOFTWARE ENGINEER

April, 2024 – Present

- Promoted to Senior Software Engineer within 1.5 years of joining, reflecting rapid impact and technical leadership.
- Architected and open-sourced an [OpenAPI spec-renderer](#) (swagger-ui alternative), establishing a core component for API documentation.
- Built the user interfaces for highly complex gateway systems, including a [notification management system](#), [Kong Gateway Debugger](#) and [KAi](#), Kong's in-app AI agent.
- Spearheaded full-stack development for Product-Led Growth (PLG) initiatives, including [api.dev](#), which is an LLM-powered OpenAPI editor, and an upcoming AI gateway product.
- As Kong India's founding UI engineer, built and mentor a 4-person team, establishing core frontend practices and directing all UI delivery from Kong India.
- **Tech stack:** Nuxt, Vue, Pinia, TypeScript.

DeepSource (YC W20)

Bengaluru

SOFTWARE ENGINEER 2

September, 2021 – March, 2024

- Architected the reporting engine and UI for compliance and insights, enabling custom data source selection and historical data sharing.
- Streamlined user workflows by building priority assignment interfaces, personal access token (PAT) management, and custom maintenance integrations.
- Improved core repository settings layouts and contributed to CI/CD pipeline maintenance.
- Leveraged Nuxt middleware and advanced GraphQL concepts while actively maintaining the internal Vue component library.
- **Tech stack:** Nuxt, Vue, Vuex, Tailwind, Typescript, GraphQL, Django, Postgres, Docker.

SendWorks

Remote

SOFTWARE ENGINEER INTERN

August, 2020 – September, 2021

- Built a custom email templating engine and designed robust dashboards for deliverability and IP reputation tracking.
- Implemented full-stack features for domain authentication and IP warm-up workflows.
- Developed internal tools, including a Slack bot for priority logging and a CRM for account management.
- Led the UI modernization of high-priority server-rendered views by migrating them to Tailwind CSS.
- **Tech stack:** Vue, Vuex, Tailwind, Golang, Beego, OpenAPI, Postgres.

Projects

Taggg

FREELANCE FRONTEND DEVELOPER

- Led the frontend development of a group meeting scheduler, architecting robust UI solutions and ensuring mobile responsiveness across the entire application.
- Modernized the application architecture by leading a large-scale migration from legacy Vue 2 Options API to a modern Vue 3 Composition API based architecture.
- Accelerated feature delivery by building and maintaining a scalable internal custom component library.
- **Tech stack:** Vue 3, TypeScript, Tailwind.

Honors & Awards

Feb, 2020 **Winner**, Hack36. Built a platform for health professionals. [Learn more.](#)

NIT Allahabad

Oct, 2021 **Winner**, Company hackathon. Built a semantic search engine for DeepSource docs.

DeepSource

Education

BIRLA INSTITUTE OF TECHNOLOGY

Mesra, Ranchi

BACHELOR OF TECHNOLOGY

August, 2018 – May, 2022