

Vaibhav Raj Singh

SOFTWARE ENGINEER

CONTACT

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PROJECTS

• Taggg

taggg.com

Led the development of the frontend for the web app using Vue3, Typescript and Tailwind. Ported legacy options API based components to composition API. Worked on custom internal component library used throughout the product. (Freelance)

• WASM Tools

wasm.vaibhavraj.dev

Uses WebAssembly port of ffmpeg to parse videos in browser itself. Currently supports Video to GIF conversion & audio extraction.
GitHub repo: vaibhavrajsingh2001/wasm-tools

• Web Quark

quark.vaibhavraj.dev

An online quizzing platform with automated leader board management. Official quizzing platform for BIT Mesra's quizzing club, "Quark".

Organized inter-campus quizzes on the platform with 80+ participants.
GitHub repo: vaibhavrajsingh2001/web-quark

WORK EXPERIENCE

• [DeepSource](#)

SOFTWARE ENGINEER

Jan 2022 – Present

Right now working on open sourcing our internal component library and design system, Zeal.

- Built UI for assigning, modifying and removing priority levels to issues.
- Configured websockets triggered on various webhooks received from VCS providers.
- Tech stack: Nuxt, Tailwind, Typescript, GraphQL, Django, Postgres.

SOFTWARE ENGINEER INTERN

Sept 2021 – Dec 2021

- Worked on UI for creating, managing permissions and removing personal access tokens (PATs).
- Built custom implementation of Statuspage maintenance update widget.
- Stood 1st in the internal 24-hour hackthon. Built a semantic search engine for DeepSource docs using OpenAI.
- Restructured layout of repository level settings and secondary-settings under it.
- Participated in multiple UI roasts to discuss regressions and bugs in the platform and Implemented fixes.
- Fixed bugs and added additional features to our internal Vue2 component library.

• [SendX/SendPost](#)

SOFTWARE ENGINEER – INTERN

Aug 2020 – Aug 2021

SendX

- Redesigned and migrated high priority views of SendX (a server rendered app) to Tailwind.
- Integrated Innertrends API for understanding user behaviour.
- Added functionality for users to view & manage added domains in the app settings.

SendPost

- Built email templating engine to create custom email templates.
- Built platform CRM for managing accounts using Appsmith.
- Built dashboards for email deliverability stats and reputation stats of IPs & domains.
- Implemented UI for building IP & domain warm up plans and content.
- Added functionality to view, create and manage domains authenticated by users.
- Built multiple custom Vue components like Stats viewer, customized date selector, tooltip with component embedding, etc.
- Built Slack bot for user management and high priority event logging.
- Regularly fixed frontend bugs and made UI/UX improvements based on user feedback.
- Tech stack: Vue, Tailwind, Swagger, Beego (Golang), Postgres.

• [Zulip](#)

OPEN SOURCE CONTRIBUTOR

Jan 2020 – June 2020

- Fixed various [frontend](#) and UI bugs, picked up from GitHub issues.
- [Created and edited documentation](#) for different feature sets.
- Enhanced [i18n support](#) in automated emails and fixed [design regressions](#).
- Helped in reviewing multiple pull requests, debugged dev issues and submitted bug reports.

EDUCATION

• Bachelor of Technology

BIRLA INSTITUTE OF TECHNOLOGY, MESRA, RANCHI

August 2018 – May 2022

AWARDS & RECOGNITION

✓ 2021 – 2022 **Vice President**, [IET on Campus – BIT Mesra](#)

✓ Feb, 2020 **Winner**, Hack36 by NIT Allahabad. Project: vaibhavrajsingh2001/zemotacqy

✓ Jan, 2020 **Organizer & Tutor**, Campus Web Development bootcamp