

VAIBHAV RAJ SINGH

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I am a highly enthusiastic developer with a fair amount of experience in full stack development. Having a zeal for learning about new technologies and sharing them, I would love to gain more experience through exposure to industry standards and projects.

EDUCATION

- **BACHELOR OF TECHNOLOGY**: BIRLA INSTITUTE OF TECHNOLOGY, MESRA (RANCHI, JHARKHAND), 2018 – 2022

EXPERIENCE

- **Sendx**: Management Trainee, (August, 2020 - present)
Building 'ShopSend', a Shopify app for creating, managing and automating newsletters. Working in a fullstack role using Vue JS with Go lang backend API.
- **Zulip**: Open Source Contributor, (January, 2020 – present)
A regular contributor to the Zulip open source project. I have learnt a lot from the community and have helped in closing numerous high priority issues. Link to contributions [here](#).
- **Bitotsav**: Web Developer, (December, 2019 – February, 2020)
Worked with the technical team of Bitotsav'20, one of the largest cultural fests of east India, to build its official event and user management portal. The website is live at: <https://bitotsav.in/>
- **IET, BIT Mesra**: General Secretary, (July, 2020 – present)
Leading a team of 60+ highly enthusiastic developers to promote coding culture in our institute.

PROJECTS

- **WEB QUARK**
An online Quizzing platform with an automated leader board management built on MERN stack. Made an Express API for managing quizzes and user data, while the frontend is made using React.js along with Context API. Access [here](#). Frontend code available [here](#) & backend [here](#).
- **REACTIVE LIBRARY**
A PWA for searching, curating and keeping track of your favourite books. Built using React along with hooks and context API for state management. It is also a PWA. Access [here](#). Code available [here](#).
- **OBJECT DETECTOR**
Built using TfJS and bundled with WebPack, it runs the Coco SSD model in the browser to predict the object in the image clicked by a user. Also doubles up as a webpack starter template for using TfJS with WebPack. Access [here](#). Code available [here](#).

SKILLS

- **Languages**: JavaScript (advanced), Java (proficient), Go (proficient), Python (prior experience)
- **Frontend**: React (advanced), Vue (proficient), CSS Animations, SASS
- **Backend**: NodeJS (proficient), Beego (proficient), Flask (prior experience)
- **Database**: MongoDB (advanced), PostgreSQL (prior experience)
- **VCS**: Git
- **Tooling and others**: Webpack, Babel, Cloud deployment, TensorFlow JS.

ACHIEVEMENTS

- Winner of Hack36 at NIT Allahabad, Feb 2020. Project available [here](#).
- Organized a web development workshop at BIT Mesra, Ranchi, Jan 2020. Material taught accessible [here](#).
- Published an NPM package for random content generation with 240+ downloads. Available [here](#).