



Vaibhavraj Roham

Sr. Product Engineer · Fullstack Developer · Laravel India Speaker

B-303, Bhaurao Park, Near Gawali Hospital, Rabale, Navi Mumbai, 400701, Maharashtra
☎ (+91) 9960796998 | ✉ vaibhavraj@vrajroham.me | 📷 vrajroham | 🌐 vrajroham | 🐦 @vrajroham

"In real open source, you have the right to control your own destiny."

Education

Sanjivani College of Engineering (Savitribai Phule Pune University)

Kopergaon, Maharashtra

B.E IN COMPUTER ENGINEERING

Aug. 2012 - June. 2016

- Project **Smart Farm Using Wireless Sensors Network** awarded as **Best project of the year 2016**.
- Published research paper on project **Smart Farm Using Wireless Sensors Networks** in IJCA Journal.
- Runner-up in **WEB-WRANGLE** Web Designing and Programming contest.
- Best performer in **Summer Training & Internship Program - 2014**, organized by **Network Bulls, Delhi**.
- Guided team of 10 juniors for Live Project **Campus Connect** sponsored **Techathon Networks**.
- Attended training and hands-on for **Cloud Computing**, conducted by Technophilia Systems.
- Technical presentation on **SNORT - Network Intrusion Detection & Prevention System**.

Sanjivani's K. B. P Polytechnic College (Mumbai University)

Kopergaon, Maharashtra

DIPLOMA IN COMPUTER TECHNOLOGY

May. 2009 - June. 2012

- Project **Departmental Online Examination** awarded as **Best project of the year 2012**.
- Vice-president of **Association of Computer Technology Students** for academic year 2012-2012.
- Organized various events such as Programming Contests, Code Debugging Contest etc. for students.

Technical Skills

Programming	PHP, Node.JS, JavaScript, C/C++, JAVA, LaTeX
Web	Laravel 5+, Express, VueJS, AngularJS, HTML5, LESS, SASS, Webpack
Mobile	Ionic 2, Native Android(Basics)
Database	MySQL, MongoDB in NoSQL
Cloud Techs	AWS, EBS, EC2, S3, Route 53, RDS, Lambda, CloudFront, Auto Scaling
IOT/Hardware	BeagleBone Black, XBee radio modules, Amazon Alexa, Arduino
Languages	English, Hindi, Marathi
Other	Git, DevOps, Nginx, Apache

Experience

MYVIZO

Thane, Maharashtra - India

SENIOR PRODUCT ENGINEER (PART OF BUSINESS STRATEGY & INNOVATIONS)

Jun. 2016 - PRESENT

- Reporting directly to co-founders.
- Designed and developed an flagship product from scratch called **Automated Video Interviews (AVI)** for B2B business clients, which used for campus recruitment and lateral hiring.
- Designed and developed an product from scratch called, **Live Interviews** for B2B business clients, featuring multi user multi location with scorecard, text chat and realtime file sharing .
- Implemented **RESTful API** for MYVIZO Internal Application which was built with Ionic 2 for official use.
- Implemented **high-availability** API for candidate interviewing Android and IOS applications.
- Built and deployed overall services using **Nginx, Apache, Shippable**, and several AWS stack(Including **EC2, Elastic Beanstalk, Route 53, S3, CloudFront, RDS, Cognito, IAM, Certificate Manager**), focusing on high-availability, fault tolerance, and auto-scaling.
- Implemented **OAuth2 Server** to authenticate internal official services using single sign-on and to integrate with Amazon Alexa Skills.
- Automated daily tasks with **Amazon Alexa** to provide instant statistics, reports and backups.
- As a best practice, followed **Test Driven Development** approach in feature development, for production level error logging and monitoring used **Sentry** as a service.
- Extensively used **Gitlab** for project repository, daily code reviews, CI/CD using gitlab runners, issue boards, service desk to handle user support requests etc.

- Designed and developed **Skill+** project as project intern.
- Managed team of 5 members, in technology stack extensively Codelgniter and AWS EC2 services were used.
- Project was focused on **bridging the gap between rural students and industries**, as rural students have potential but they get very less guidance and industry exposure comparatively tier-1 - tier-2 cities.
- Used **Vector-Space Model** algorithm to rank the professionals according to matching key skills of candidate.

Extracurricular Activity

LaravelLive - 2018 Speaker (Laravel India Conference)

New Delhi, [<http://laravellive.in>]

BUILD NATURAL VOICE EXPERIENCE WITH LARAVEL APPLICATION & AMAZON ALEXA

17 March, 2018

- LaravelLive's goal is to bring together bright minds to give talks that are idea-focused, and on a wide range of subjects in PHP Laravel, to foster learning, inspiration and provoke conversations that matter.
- LaravelLive brings top notch developers of the ecosystem together, to inspire new talent around the country to learn and contribute to the open source.
- I will be speaking on, **Secure Integration of Laravel Application and Amazon Alexa to automate daily tasks** along with 5 more inspiring speakers in this 1 day event.
- Designed **LaravelLive - 2018** event website(<http://laravellive.in>) using **Laravel and TailwindCSS**.

Vue Dropzone

@rowanwins/vue-dropzone

OPEN SOURCE - PACKAGE MAINTAINER, ACTIVE CONTRIBUTOR

Author - Rowan Winsemius

- A Vue.js component for Dropzone.js - a drag'n'drop file uploads utility with image previews.
- Redesigned complete component to support Vue2 with Author.
- Contributed additional feature **Direct upload to AWS S3 from browser using pre-signed url**, which is not available with core package of dropzone.js.
- Focusing on bug fixing, resolving user queries on github, review PRs, improving documentation and publishing & maintaining updated versions on npm.

Vue Circle Progress

@vrajroham/vue-circle-progress

OPEN SOURCE - AUTHOR

Author - Self

- A Vue.js component to draw **animated circular progress bars**.
- Wrapper is designed around the jQuery library to effectively use with SPA in one of the product dashboard at MYVIZO.
- Focusing on bug fixing, resolving user queries on github, review PRs, publishing and maintaining updated versions on npm.

Vue Simple Lightbox

@vrajroham/vue-simple-lightbox

OPEN SOURCE - AUTHOR

Author - Self

- A Vue.js component for **touch-friendly image lightbox for mobile and desktop** with simple-lightbox.
- Wrapper is designed around the simple-lightbox core javascript package, which exposes extensive API for customization.
- Focusing on bug fixing, resolving user queries on github, review PRs, publishing and maintaining updated versions on npm.

Presentation

6th CodeEngn (Reverse Engineering Conference)

Seoul, S.Korea

PRESENTER FOR <DEFCON 20TH : THE WAY TO GO TO LAS VEGAS>

Jul. 2012

- Introduced CTF(Capture the Flag) hacking competition and advanced techniques and strategy for CTF

6th Hacking Camp - S.Korea

S.Korea

PRESENTER FOR <METASPLOIT 101>

Sep. 2012

- Introduced basic procedure for penetration testing and how to use Metasploit