



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 | 📷 vjroham | 🌐 vjroham | 🐦 @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.

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

Experience

MYVIZO

Thane, Maharashtra - India

SENIOR PRODUCT ENGINEER (PART OF BUSINESS STRATEGY & INNOVATIONS)

Jun. 2016 - PRESENT

- 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.

INGENIO Technologies

Pune, Maharashtra - India

SENIOR PRODUCT ENGINEER (PART OF BUSINESS STRATEGY & INNOVATIONS)

June 2014 - May 2015

- 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.

Extracurricular Activity

LaravelLive - 2018 Speaker (Laravel India Conference)

LAL BAHADUR SHASTRI INSTITUTE OF MANAGEMENT, NEW DELHI

[Speaker](#)

17 March, 2018

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

Vue Dropzone

PACKAGE MAINTAINER, ACTIVE CONTRIBUTOR

[Opensource](#)

Author - Rowan Winsemius

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

Vue Circle Progress

AUTHOR

[Opensource](#)

Author - Self

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

Vue Simple Lightbox

AUTHOR

[Opensource](#)

Author - Self

- Gained expertise in penetration testing areas, especially targeted on web application and software.
- Participated on a lot of hacking competition and won a good award.
- Held several hacking competitions non-profit, just for fun.

Honors & Awards

INTERNATIONAL

2017	Finalist , DEFCON 25th CTF Hacking Competition World Final	Las Vegas, U.S.A
2014	Finalist , DEFCON 22nd CTF Hacking Competition World Final	Las Vegas, U.S.A
2013	Finalist , DEFCON 21st CTF Hacking Competition World Final	Las Vegas, U.S.A
2011	Finalist , DEFCON 19th CTF Hacking Competition World Final	Las Vegas, U.S.A
2012	6th Place , SECUINSIDE Hacking Competition World Final	Seoul, S.Korea

DOMESTIC

2015	3rd Place , WITHCON Hacking Competition Final	Seoul, S.Korea
2013	Silver Prize , KISA HDCON Hacking Competition Final	Seoul, S.Korea
2013	2nd Award , HUST Hacking Festival	S.Korea
2010	3rd Award , HUST Hacking Festival	S.Korea
2012	3rd Award , Holyshield 3rd Hacking Festival	S.Korea
2011	2nd Award , Holyshield 3rd Hacking Festival	S.Korea
2011	5th Place , PADOCON Hacking Competition Final	Seoul, S.Korea

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

Writing

A Guide for Developers in Start-up

[Facebook Page](#)

FOUNDER & WRITER

Jan. 2015 - PRESENT

- Drafted daily news for developers in Korea about IT technologies, issues about start-up.

- Drafted reports about IT trends and Security issues on AhnLab Company magazine.

Program Committees

- | | | |
|------|---|-------------------------|
| 2016 | Problem Writer , 2016 CODEGATE Hacking Competition World Final | S.Korea |
| 2013 | Organizer & Co-director , 1st POSTECH Hackathon | S.Korea |
| 2012 | Staff , 7th Hacking Camp | S.Korea |
| 2012 | Problem Writer , 1st Hoseo University Teenager Hacking Competition | S.Korea |
| 2012 | Staff & Problem Writer , JFF(Just for Fun) Hacking Competition | S.Korea |