RANA VIVEK SINGH

Co-Founder BigBuddy | Technical writer | Cyber Security
Enthusiast | Web3

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Summary

Self driven and motivated Engineering student adept at developing software products
and implementing new software platforms. Possessing great analytical skills, ability to
work in team environments and strong attention to detail along with experience of
working in Agile and Extreme Programming methodologies in a continuous
deployment environment.

Experience In Software Development : 1+ Years

1) Co-Founder at BigBuddy   Oct 2021 - Present

bigbuddy.in

BigBuddy is a startup, which is trying to make virtual conferencing seamless and easier
to use than any of the presently available sources. We are working towards making an
Artificial Intelligence software to create professional courses, just by recording the
content the user wants to make a course with. The AI will handle the video editing,
structure the course and get the end product ready for publishing.

2) Technical Team lead for casting platform   1st Aug 21 -
                                                    3rd Oct 2021

Getboarded

Role:

1. **Frontend Team lead Of Casting and Live streaming of Videowiki.**
2. **Microsoft teams App Expert**

3) Full-stack Intern at Getboarded   5th June 21 -
                                                    1st Aug 2021

Getboarded

Role:

1. **Work on making Microsoft teams App, of Videowiki with the integration of
   Microsoft Azure, Microsoft bot service etc.**
2. **Work on Videowiki frontend using Vuejs and Nuxt meta-framework.**
3. **Work on authentication of Videowiki using Ruby on Rails.**
4. **Work on Live Casting of VideoWiki Sessions using technology like WebRTC,
   BBB etc.**
5. **Using Gitlab for Version control and team Integration.**
6. **Work on server-side deployment using NGINX, PM2, Loadbalancer, certbot
   etc.**
7. **Work on integration of Sendgrid API along with SMTP server.**

4) Full-stack Intern at Talspo   April 2021 - 3rd June 2021

Talspo.com

Role:

1. **Worked on Reactjs for developing the frontend of Talspo.**
2. **Worked on building an frontend base code from Figma design to Reactjs.**
3. **Worked on integrating the Frontend with PHP laravel as backend.**
4. **Worked on AWS EC2 instances along with dynamodb.**
5. **Work on SMTP mail generating system**

Skills

Microsoft Teams App
Developer

ReactJS

VueJS

C++

C

REST API

ExpressJS

NodeJS

AWS

Microsoft Azure

Docker

Kubernetes

PWA

Ruby On Rails

HTML

CSS

5) Full-stack Intern at Subh Muhurat   July 2020 - Feb 2021

Organisewithus.com

Project : Organisewithus.com (The launch of actual website is Pending due to Covid, Hopefully very soon)

Role:

1. **Worked on Reactjs for developing the frontend of Subh Muhurat.**
2. **Worked on Ruby on Rails to handle the backend of the website.**
3. **Worked on Firebase for the user authentication.**
4. **Worked on building an frontend base code from Figma design to Reactjs.**
5. **Worked on AWS EC2 instances .**

6) Open Source Contributor at LGM-SOC

LGM-SOC

Was selected as a Candidate for LGM-SOC 2021, for contributing in various opensource projects they work on.

Other Experiences

- **Student Vice President of Innovation club of BMS College of Engineering**
- **Technical team lead of CIIE BMSCE**
- **Senior Coordinator for all online Events happened in PHASESHIFT 2021 BMSCE**

Education

BE in Electronics and Communication   2019 - 2023

B.M.S College of Engineering

7.7 CGPA

Projects

1) Center for Innovation, Incubation & Entrepreneurship, BMSCE

CiiE BMSCE (in Progress)

It's a platform built by my team under the support of BMS College of Engineering, Where a student and investors can come to the same room. In this system an student can pich his idea/prototype etc, and all the interested investors/MSME'S can go through their prototype and seed fund if they wanted.

Technology Used

- **Reactjs framework for Frontend**
- **PHP with Laravel integration for backend**
- **Mysql database**
- **REST API**
- **Notion Workspace and Notion API**
- **Microsoft Azure**
- We are planning to make this platform on Microsoft Teams Platform also as a Teams app so that all the Online meetings can be integrated.

2) Online Course Providing Website

A serverless website like a udemy, coursera where client can buy any of the courses of his choice. For payment Stripe integration is done.

Technology Used

- **AWS EC2, VUEJS, PM2, NGINX, EXPRESS, WEB SOCKET,HTML/CSS etc.**

3) Online eCOMMERCE Website

Java

Git version control

Linux and Unix code

A serverless ecommerce website using REACT and AWS EC2 instances, where you can buy the stuffs present on website.

4) Blog writing firebase webapp

A website which gives you the platform to write your blogs with its in built blog writing feature. After writing the blog you can even post it on your Home page.

5) Ecommerse website using PHP

An E-commerse website with the specifications of login , add to cart, buy now (without payment gateway). storing dta in Mysql database.