

# CURRUCULUM VITAE

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## HABIB-UR-REHMAN (Web Engineer)

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## EDUCATION AND CERTIFICATIONS

- AWS Certified Cloud Practitioner ([https://www.credly.com/badges/f31f6d5e-55b9-41fb-a2eb-303c79494943/public\\_url](https://www.credly.com/badges/f31f6d5e-55b9-41fb-a2eb-303c79494943/public_url))
- BS (CS) from Government College University Lahore, Pakistan
- FSC (Pre-Engineering) from Punjab College Okara, Pakistan

## Intro

Full-stack Web Engineer, able to write extendable and manageable code by using SOLID design principles and design patterns. AWS certified with 4+ years of professional experience. Knows how to break down the project into sprints and follow the agile by Scrum framework to continuously deliver the work. Have worked on a lot of web development projects including but not limited to multi-vendor e-commerce systems, complex pos systems, and social media applications with huge real-time features. Skilled in Laravel, PHP, MySQL, AWS, jQuery, VueJS, Vuex, NodeJS and ExpressJS.

## Technical SKILLS

- **Front-End:** JavaScript, jQuery, VueJS, Vuex, NuxtJS
- **Back-End:** PHP, Laravel, Lumen, CakePHP, NodeJS, SQL, MONGODB
- **Third Party Integration:** PayPal, Stripe, Twilio, Facebook Graph API, EasyPost, Calendly, Shopify Orders API, Plaid, Google Maps API
- **Tools & Technologies:** Web-Sockets, Web-RTC, FFMPEG, MySQL, Git (Bitbucket, GitHub), EC2, S3, RDS, AWS Elastic Transcoder, AWS LightSail, AWS Autoscaling.

## EXPERIENCE (4 years)

### **Back-End Team Lead at Pixarsart (Oct 2020 – Dec 2022)**

I had worked on different projects there in Laravel and VueJS. Here are my key responsibilities there:

### **Responsibilities:**

- Involving in sprint planning, conversion of customer requirements into technical use cases, designing activity diagrams for complex use cases and ERD for database.
- Developing APIs in both core PHP and Laravel using MySQL as a database engine.
- Developing the front-end of the applications in VueJS and jQuery. Also developing of SSR solutions in NuxtJS. Although I was the backend lead but most of the times I also involved in the front-end development.
- Handling the AWS accounts of customers. Deploying and managing the projects on AWS.
- Writing CI/CD pipelines of the projects specifically via GitHub Actions.
- Giving plenty of suggestions to my project manager to use which AWS services based on the customer requirements.
- Managing a small team of back-end developers which includes reviewing their codes, helping them when they got stuck.

### **Full Stack Web Developer at xEffectStudio (May 2019 – Aug 2020)**

I developed full stack projects and extended pre-developed scripts. Here are my key responsibilities there:

#### **Responsibilities:**

- Extending the pre-made scripts which includes modifying existing modules and adding new features, mostly in the Codecanyon scripts.
- Developing restful APIs in both Lumen and Laravel using MySQL as a database engine.
- Developing the front-end of the applications as per given UI/UX in Bootstrap, VueJS and jQuery.

### **Top Rated Freelancer at Upwork (May 2018 – Apr 2019)**

I did part-time freelance work there. Here are my key responsibilities:

#### **Responsibilities:**

- Discussing project requirements with the clients and proposing potential solutions with respect to the subjected problems.
- Development and deployment of web apps in Laravel and VueJS stack.

## **PROJECTS**

I had developed and work on a lot of projects. The details are given below:

## **StampBox (Marketplace for stamps)**

**Project Description:** We need to make a marketplace where users can buy, sell, trade, and auction the stamps. It's a multi-vendor eCommerce store with huge social media features like making communities, event management, messaging, etc. Users can make his/her store and then start selling the stamps. Two users can also trade the stamps with each other. A user can put the stamp on the auction so that other users can start bidding on that auctioned item. Other than this we have to find a way to easily generate the shipping labels for shipment and provide multiple payment gateways to users like PayPal, Stripe, etc.

**Technical Stack:** Bootstrap4, NuxtJS, Laravel, MySQL, AWS, S3, EC2, Firebase

**Link:** <https://app.stampbox.com/>

### **My Responsibilities:**

- Led a team of developers in creating a multi-vendor eCommerce marketplace for buying, selling, trading, and auctioning stamps.
- Designed the ERD and activity diagrams for the project database to ensure optimal functionality.
- Developed restful APIs in Laravel and utilized MySQL as the database engine to ensure efficient data management.
- Implemented version control using GitHub and wrote the CI/CD pipelines via GitHub actions for streamlined development and deployment.
- Deployed the workload on AWS EC2 and used AWS S3 for storing images and static files to ensure optimal performance.
- Utilized Firebase for single sign-on to enhance user experience.
- Managed a team consisting of one back-end developer, three front-end developers, and two mobile app developers to ensure successful completion of the project.
- Developed the project in about 8 months and then deployed the beta version. We did the UAT (user acceptance testing) for one month and got a lot of feedback. Based on the feedback we did the fixing and then finally deployed the live version. Now the project is live.

## **IFixYourI (Multi Location POS System)**

**Project Description:** It's a multi-location POS system for a device repairing/insurance company. It contains multiple panels and has features of orders, invoices, transactions, shipping labels generation, recurring payments of device insurance by Stripe, user roles, and permissions, web/email notifications, reporting, integration of Shopify Store, Calendly, etc.

**Technical Stack:** Bootstrap4, SCSS, VueJS, Laravel, MySQL, AWS, S3, EC2, RDS

**Link:** <https://app.ifixyouri.com/>

### **My Responsibilities:**

- Developed a multi-location POS system for a device repairing/insurance company, utilizing VueJS and Laravel Framework.
- Implemented reusable front-end modules in VueJS and used Vuex to maintain the application state for each individual page.
- Wrote the back end in PHP with MySQL as the database engine and utilized database indexing to optimize query performance.
- Integrated EasyPost for generating shipping labels, Stripe for recurring payments, and Twilio for SMS marketing.
- Deployed the project in AWS EC2 and utilized AWS RDS for the database and AWS S3 for static file storage.
- Improved API response time by implementing local database caching.
- Integrated the Dymo printer SDK in the app to enable admins to print device labels.
- Enabled customers to create orders by specifying devices and shipment details or creating an order on the Shopify website using Shopify webhooks.
- Provided admins with the ability to manage orders, including adding invoices, inventory used while repairing, and notes in the order.
- Implemented an insurance feature for customers to insure their devices by paying recurring charges.
- Implemented complex reporting and marketing features via email and SMS.

### **Natives (Job searching site)**

**Project Description:** We need to develop a job searching website primarily focused on remote jobs related to web3. I was assigned the task to develop the restful APIs of the web app. Other than jobs, tags, and user management I was assigned a complex task to import and process the bulk jobs import by excel file and that file should be processed in the background.

**Technical Stack:** Laravel, MySQL, AWS, EC2

**Link:** <https://natives.co/>

### **My Responsibilities:**

- Developed the restful APIs for a job searching website with a primary focus on remote jobs related to web3.
- Implemented user management features and job tagging functionalities to enable users to filter jobs based on their preferences.
- Utilized an excel file import feature to allow bulk job imports and processed it in the background to avoid any impact on application performance.
- Set up CI/CD pipelines to ensure that the code was continuously integrated and deployed without any issues.
- Ensured that the APIs were efficient and performed well by optimizing queries and database indexes.

- Ensured that the APIs were secure by implementing appropriate authentication and authorization mechanisms.
- Collaborated with the front-end team to ensure that the APIs met their requirements and integrated seamlessly with the front-end.
- Conducted thorough testing to ensure that the APIs were functioning as expected and resolved any issues that arose.
- Provided documentation and support for the APIs to ensure that other developers could easily understand and utilize them.

### **FbmFox (Multi-channel eCommerce drop shipping marketplace)**

**Project Description:** It's a multi-channel eCommerce drop shipping marketplace with huge social media features.

**Technical Stack:** Laravel, MySQL, JavaScript, jQuery, Bootstrap

**Link:** <https://app.fbmfox.com/>

### **My Responsibilities:**

- Developed a social community feature in an eCommerce drop shipping marketplace that included features such as social post creation, reaction, comment, reply, private and group chat, and social notifications.
- Updated existing features to ensure that they integrated seamlessly with the new social community feature.
- Utilized jQuery, JavaScript, and Bootstrap to develop the front-end of the social community feature and ensured that it was responsive and user-friendly.
- Developed the backend of the social community feature in PHP/Laravel and ensured that it was efficient and scalable while considering the security parameters.
- Conducted thorough testing of the social community feature to ensure that it functioned as expected and resolved any issues that arose.
- Worked closely with the UX/UI team to ensure that the social community feature was visually appealing and met the requirements of the project.
- Collaborated with the product owner and other developers to ensure that the social community feature met the business requirements and integrated seamlessly with the existing system.
- Provided documentation and support for the social community feature to ensure that other developers could easily understand and utilize it.
- Used the Laravel broadcasting feature and used pusher channels to develop the real-time chatting and notification system.