Syed Mahfuzul Mazid

Lead Developer

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Professional Summary

Tech-savvy Full-stack web developer with expertise in both server-side and front-end programming languages. Extensive familiarity with Python, MySQL, Vue.js, and PHP. With ten years of practical experience managing both front-end and back-end web development, the individual is a precise and analytical professional. Experienced in building servers and databases, as well as designing and developing APIs. A diligent team player with a proven track record of producing excellent results

Work History

2020-12 - Current

Team Leader

Alegra Labs, Guwahati, India

- **Medical web-based software** : **Dental Project for Chairsight GmbH**
- The software helps with the creation of the HKP (Heil- und Kostenplan)
  easier for the dentist and his assistants.
- Migration from Python to PHP
- This project, developed in Core-PHP, Laravel and Vue.JS, has to implement subsidy logic of the system
- The development and operation of web-based software solutions to optimize processes in the health care market and the provision of complementary services for companies in the health care market.
- Established open and professional relationships with team members to achieve quick resolutions for various issues.

Contact

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Websites, Portfolios, Profiles

- smahfuzm.in/
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- github.com/mahfuzt786

Skills

Python
●●●●○

PHP
●●●●○

Vue.js
●●●●○

Laravel
●●●○○

PostgreSQL
●●●○○

- Built strong relationships with customers through a positive attitude and attentive response.
- Demonstrated respect, friendliness, and willingness to help wherever needed.
- Conducted training and mentored team members to promote productivity and commitment to friendly service.

2020-05 - 2020-12

Lead Developer

Alegra Labs, Guwahati, India

- **Interscriber**: **NLP Project**
- We had developed a product that can automatically transcribe interviews, i.e., generate text from audio recordings of interviews
- The product is based on Natural Language Processing (NLP) methods that are developed by researchers at Zurich University of Applied Sciences (ZHAW)
- We have used Electron with Vue.js in the front-end and REST in Python with Flask, nginx, and Postgresql in the backend.
- Led version control efforts for organization, employing public and open source repositories
- Tested software products for strong functionality and optimization
- Collaborated with project managers to select ambitious but realistic coding milestones on pre-release software project development
- Worked with multi-national team of developers, integrating disparate levels of experience and technical knowledge into cohesive efforts
- Revised, modularized and updated old code bases to modern development standards, reducing operating costs, and improving functionality
- Coordinated with project management on database development timelines

2019-12 - 2020-05

Lead Developer

Alegra Labs, Guwahati, India

- **Chat Bot**: **Machine Learning Project**
- This project, developed in Python, Flask and

MySQL
●●●●○

Flask
●●●●○

API Development
●●●●○

Docker
●●●○○

Git/ SVN
●●●●○

Software Development
●●●●○

Advanced Coding
●●●●○

JQuery
●●●●○

⚑ Languages

English

Hindi

Assamese

VueJs, requires training QAs to create models
- Based on the models, it replies to the queries asked by the user
- It is built as REST API in Flask
- So that it can be easily integrated into a website using only JS code.
- Recruited in-demand talent to expand and diversify development staff
- Built databases and table structures for web applications
- Contributed ideas and suggestions in team meetings and delivered updates on deadlines, designs, and enhancements
- Designed reusable and reliable code for use within distributed cloud environments.
- Designed customized solutions for proposals to potential customers.

Lead Developer

2019-04 - 2019-12

Alegra Labs, Guwahati, India

- **Poster Recognition Web-app**: **Machine Learning Project**
- This project, developed in Python, Flask and jQuery, involves recognizing Mobile Photos of Posters in the streets
- The photos are taken under various lighting conditions and under various angles
- This program identifies the Poster when compared with the Original Poster
- This automation has saved nikolaus-spitzer.de from thousands of hours of manual work.
- Led version control efforts for organization, employing public and open source repositories
- Designed customized solutions for proposals to potential customers
- Architected data engineering pipelines to support machine learning performance
- Created a novel method of monitoring product health, incorporating metrics such as end-user satisfaction and technical fault statistics.
- Collected and analyzed client requirements, incorporating business goals and budgetary concerns into project proposals.

Senior Developer

2018-04 - 2019-04

Alegra Labs, Guwahati, India

- **DigiPro media CMS** (FL, USA)
- This project, develops in PHP7, HTML5, jQuery and brisk-coder PHP MVC framework, involves building a CMS
- Worked with an international team of 15+ members remotely on different modules and APIs and managed the coding aspects of the CMS
- Worked with and manipulated many SOAP and REST APIs like Escapia, IQware, Propay, etc
- Mostly with the room booking APIs
- Demo link: homeownerscollection.com, premierisland.com, portofinoisland.com.
- Collaborated with other developers to identify and alleviate software errors and inefficiencies

- Coordinated efficient large-scale software deployments
- Discussed project progress with customers, collected feedback on different stages and directly addressed concerns

2014-01 - 2018-03

Senior Developer

Alegra Labs, Guwahati, India

- **Kamwoherbs**, NYC, USA
- The Project, coded in PHP 7, HTML5, MySQL and Firebase, is for large-scale E-COM and ERP system that manufactures and ships Chinese Herbal Medicine
- The program also manages warehousing, Shipping and Logistics
- Practitioner search website based on US: www.acudirect.com
- Online herb Guide: www.kamwo.com/escript /herbguide.php
- A hybrid mobile application for online shopping using jQuery-mobile framework and Cordova
- App in the Google Play Store: Kamwo.
- Developed clear specifications for project plans using customer requirements
- Planned and developed interfaces that simplified overall management and offered ease of use
- Developed programs from ground up using measured, market-focused approach to eliminate waste and streamline implementation cycle
- Coordinated efficient large-scale software deployments.

2013-08 - 2013-12

Junior Developer

Alegra Labs, Guwahati, India

- **FB app Picletta**
- The module contains instructions on manipulating different properties in SVG images
- SVG image such as resize, rotate, merging of images, add animation to SVG, embed a YouTube video in an SVG, convert SVG into

Circle or rectangle, etc
- Developed the entire process with javascript and jQuery.
- Collaborated on stages of the system development lifecycle, from requirement gathering to production releases.
- Translated customer requirements into written use cases
- Designed customized solutions for proposals to potential customers.

Education

2010-08 - 2013-08

MCA

St. Anthony's College - Shillong, India

GPA: 7.46/10

2007-08 - 2010-09

BCA

Dibrugarh University - Dibrugarh, India

GPA: 64%

Accomplishments

- Completed OCA (Participation) (01/2011 - 05/2011)
- Completed RHCE (RED HAT CERTIFIED ENGINEER) (Participation). (06/2012 - 10/2012)

Organizations

Alegra Labs, 05/08/2013, Present

Interests

Machine Learning

Image Processing

Blockchain