



SHAKIB SMALL

SOFTWARE DEVELOPER

CONTACT INFO

Home: 1-246-228-7863 
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www.shakibsmall.com 
Parade Road Bush Hall 
St. Michael, Barbados

SUMMARY

Talented with a focus on web and mobile development. Projects I have worked on so far have challenged my thinking and enabled me to achieve higher levels of efficiency and adaptability in my work. I am eager to continue taking on varied projects that challenge my skills.

EDUCATION

University of the West Indies Cavehill

Computer Science (Double), BSc
First Class Honours, 2012-2015

Harrison College

Associate Degree, General
CAPE: 6 Grade 2s, 4 Grade 1s, 2005-2012

INTERESTS

Technology •
Learning •
Coding •
Anime/Manga •
Video Games •
Photography •
Music •
Travel •
Cooking •

LANGUAGES & SKILLS

- | | | | |
|----------------|-------|-----------------------|-------|
| • HTML/HTML5 | ●●●●● | • Apache Cordova | ●●●●● |
| • CSS/CSS3 | ●●●●● | • Android Dev | ●●●●● |
| • JavaScript | ●●●●● | • JSON | ●●●●● |
| • PHP | ●●●●● | • jQuery | ●●●●● |
| • Java | ●●●●● | • Git | ●●●●● |
| • XML | ●●●●● | • Angular | ●●●●● |
| • SQL | ●●●●● | • Modern OpenGL (C++) | ●●●●● |
| • Python | ●●●●● | • iOS Dev | ●●●●● |
| • C & C++ | ●●●●● | • Bootstrap | ●●●●● |
| • TypeScript | ●●●●● | • Amazon Web Services | ●●●●● |
| • Visual Basic | ●●●●● | | |
| • Japanese | ●●●●● | | |
| • MongoDB | ●●●●● | | |

WORK EXPERIENCE & PROJECTS

Web Developer

Alty Inc | August 2021 - Present

- Implemented the design of version 2 and version 3 of the alty.com.
- Improved the SEO score of alty.com from no presence at all to number 4 result on Google, and number 2 result on Bing and Yahoo.
- Designed and implemented several pages of the Alty website.
- Used Advanced Custom fields to create custom modules for WordPress; HTML, PHP, JS, CSS.
- Used Elementor to implement several pages.
- Worked with Bitrix24 to manage day to day tasks.
- Used Stonly.com to create guides for alty.com

Freelance Web Developer

Techbase Solutions Ltd. | February 2022 - Present

- Frank Collymore Hall (fch.techbase.solutions) | 2022 (February - September)
 - Used WordPress, Elementor and The Events Calendar to implement the design for this website.
- EMCE Limited (emceltd.com) | 2022 (July - Present)
 - Used DIVI WordPress to update the content and create many project pages for this website.
- Patriot Security Services Ltd. (patriotssl.com) | 2022 (September - October)
 - Used Elementor WordPress to implement the new One Pager Patriot Security Systems Ltd website.

Computer Science Intern

CIMH | January 2017 - April 2021

- WebAlert - Cap Alert Manager Site | 2021 (Jan - March)
 - Front end web development of a national Common Alerting Protocol (CAP) manager.
- Climate Impacts Dataset Development | 2020 (Jan - April)
 - Wrote a Python script to check for duplicates in CID excel dataset.
 - Created macros to flag various fields that might potentially need disaggregation.
 - Georeferenced impacts.
- WePlantin' Website Assistance (CIMH & Barbados Government) | 2020 (Jan - Feb)
 - Made a proposal web page for the government and their "We Plantin' More Than A Million Trees" Initiative.
 - Users would be able to upload pictures of the trees they took as a means to track how many trees were planted.
- Pest & Disease Risk Index Python Scripts | 2019 (Sept - Dec)
 - Wrote Python scripts to produce the risk index level for Black Sigatoka disease in banana crops, and the WhiteFly models.



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LANGUAGES & SKILLS CONT'D

Computer Science Intern

CIMH | January 2017 - April 2021

- Crowdsourcing Android App | 2019-2020
 - Used Android Studio to develop an app to mass crowdsource weather data from mobile devices in the caribbean.
 - Android device sensors measure, record and transmit parameters such as barometric pressure and battery temperature and then are correlated to atmospheric temperature at the recorded location.
 - The crowdsourcing project was presented at a National Council for Science and Technology conference in 2019
 - Successfully deployed to Google Play store.
- Android & iOS General Mobile App | 2018-2021
 - Used Apache Cordova to develop simultaneously for Android and iOS using HTML, CSS, JavaScript & PHP.
 - Implemented key features: CMO Map, Weather Reports, Trending, Calendar, Absences, Opportunities
 - Successfully deployed to both Google Play and Apple stores.
 - Gave presentations about the CIMH App to staff members.
- Filebound Administrator | 2017-2021
 - Learnt the ins and outs of FileBound when CIMH was in the process of going paperless.
 - Designed and edited workflows, projects, and forms inside FileBound.
 - Assisted any staff members with how to do various tasks in FileBound.
- Climatology Database Application | 2017-2018
 - Used Scriptcase's GUI to create applications that deliver climatology reports.
 - Used PHP to add desired functionality to the applications.
 - Created and edited tables using MySQL on a large Climatology Database.

Intern

Systems Consulting Limited | June - August 2015

- Created a data gathering template to construct a data dictionary of SCL's New Micropay database.
- Entity-relationship diagram for their New Micropay database.
- Made a presentation of the data dictionary document and its ER diagram to management.

Student IT Technician

Campus IT Services at University of the West Indies Cave Hill | 2014 - 2015

- Managing and setting up projectors, speakers, microphones, wireless systems and cameras
- Organizing and data entry for presentations using Microsoft Office suite
- Providing assistance and troubleshooting for Apple and Microsoft software devices

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