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|  |  | Shafin Mohammed  Application Engineer |
| Profile Former RF Engineer turned programmer with 1-year experience as a Python developer. Experience with developing both backend and front end of applications Contact PHONE:  678-555-0103  WEBSITE:  Website goes here  EMAIL:  someone@example.com SKills **Coding Languages:**   * Python * C/C++   **Web Framework:**   * Django * Django REST Framework   **Web Development:**   * HTML * CSS * JavaScript: jQuery, React(beginner)   **Databases:**   * PostgreSQL * SQLite   **APIs:**   * Stripe * Google Map * Mapbox   **Web Applications:**   * Github * Heroku * Postman |  | EDUCATIONGeorge Mason University, Fairfax, VA September 2009 – May 2012  Bachelor of Science: Electrical Engineering  GPA: 3.35 (Dean’s list for Fall & Spring 2012) George Mason University, Fairfax, VA January 2015 – May 2017  Master of Science: Telecommunications  GPA: 3.75 Personal Project **Demo eLearning website:** Created a demo eLearning website using Django web framework that allow users to browse through a list of online courses and enroll to them via a checkout process. The users must sign up and login in order to make purchase. Upon registering, the users will have their own profile where they can upload a profile photo, enter and edit personal information, see their courses and purchase history, change password and delete account. The website is functional, but optimizations and new features are in the works. Bootstrap theme used to create the front-end webpage with a navigation bar and other design features. jQuery and AJAX used to make the website interactive with buttons for users to shop. Front end was done using HTML, CSS and JavaScript. GitHub repository: [https://github.com/shafin071/eLearning/](https://github.com/shafin071/eLearning/tree/master/eLearning) WORK EXPERIENCEIDARE LLC, Dhaka, Bangladesh,Application Engineer, March 2019–Present **iDES project:** IDARE is a Houston based startup that is developing an innovative product for the US oil and gas industry. Working on a collaborative project with a team of five to develop an application that automates complex and time-consuming engineering designs to significantly reduce project completion time. As lead engineer, delegated tasks from project manager to the rest of the team, kept track of team’s progress and made sure deadlines were met. Converted complex Mathcad calculations to Python scripts using Python’s scientific (Scipy, Numpy) and data visualization libraries (Plotly). Implemented the scripts into Django/REST based backend as analytics API. Created an interactive UI with HTML, CSS and JavaScript that allows the users to use the analytics. Made use of jQuery library to add various interactivity to the UI. Tested the analytics APIs using Postman.   UDPlatforms, Dhaka, Bangladesh,Junior Software Developer, July 2018-February 2019 **Big Data Project:** Developed a prototype for a web-based solution to visualize traffic data in USA. The prototype was developed using Django, HTML, CSS, Javascript, PostgreSQL and Google Maps. The raw data was taken from excel sheets and uploaded to PostgreSQL database through Django admin portal. The data fields in the database were created using Django models. The data were filtered and queried using Django function-based views and rendered on to HTML pages. Google Map API was called in the HTML page to plot the data on Google Map. Various features of Google Maps (like cluster map, combining data, place-directions) were used to visualize the data. The maps provided data filter options for the users using jQuery and AJAX.  **Moodle Support for Client:** Site administrator for an eLearning website of a client based in Virginia, USA. The learning portal is developed on Moodle 3.5. Resolve various issues for users in a timely manner. Create user logins and grant access. Perform user overrides for students when requested by client. Create and edit courses/quizzes per client’s request. Debug any faulty plugins installed in courses and quizzes. Perform daily walkthroughs to ensure that the website is fully functional.   Mobilitie LLC, Atlanta, GA,RF Engineer, April 2016- November 2017 **DAS Benchmark & Optimization:** Perform drive/walk tests for Benchmark reports using SeeHawk and TEMS pocket. Well experienced in scanner and UE data collection using PCTel IBFlex/SeeHawk & TEMS Pocket. Post processed collected data in Actix Analyzer. Troubleshoot and resolve problems with data collection with the RF team. Good knowledge of LTE/CDMA/UMTS desirable KPIs. Change attenuation and tilts to optimize DAS networks to meet desired KPIs. Sites include but not limited to indoor arenas, outdoor amphitheaters. Finish tests within the given deadline regardless of challenges/setbacks faced. Telnet-inc, Rockville, MD,RF Engineer, June 2012- April 2016 **EME:** Part of a Electromagnetic Emissions (EME) Compliance team in different AT&T, T-Mobile and Verizon markets. Used raw EME data from various client antenna sites to create EME reports and perform Computer Modeling & Calculation using “Roofview” a software analysis tool for evaluating radio frequency (RF) field levels at rooftop telecommunications sites analysis to ensure the sites are FCC compliant. Recommend signage and exposure blocking barriers based on OSHA RF standards on Radio Frequency (RF). |