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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 web applications Contact PHONE:  678-555-0103  PORTFOLIO:  [shafinmohammed.github.io](https://shafin071.github.io/shafinmohammed.github.io/)  EMAIL:  shafinmohammed@gmail.com SKills **Coding Language:**   * Python   **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 * AWS S3 * 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 Portfolio Projects **<Hello World/>:** A dummy eLearning website built with django, JavaScript, Bootstrap with various other tools to provide user experience as a student. Hosted with Heroku and AWS S3.  Website: <https://shafin-elearning.herokuapp.com/>  GitHub: <https://github.com/shafin071/hello-world>  **pybot n00b:** Automated test performed on <Hello World/> project. Script written with Python unittest module and Selenium. The test results are formatted and emailed.  Demo: <https://youtu.be/aqrQ4hAe17Q>  GitHub: <https://github.com/shafin071/pybot.n00b> WORK EXPERIENCEIDARE LLC, Dhaka, Bangladesh,*Application Engineer, March 2019–February 2020* A Houston based startup with a vision to develop a SaaS for the energy industry. An application that automates complex and time-consuming engineering designs to significantly reduce project completion time.   * Converted complex Mathcad calculations to analytics scripts using Python’s scientific libraries (Scipy, Numpy) and data visualization libraries (Plotly, Cufflinks). * Analytics served as API using django REST framework * Created interactive UI to use the analytics  UDPlatforms, Dhaka, Bangladesh,*Junior Software Developer, September 2018-February 2019* **Map Visualization Project:** Developed a prototype for a web-based solution to visualize traffic data in USA. Built with django, PostgreSQL and Mapbox/Google Map API.   * Uploaded large csv file to database via django admin * Queried and filtered data and sent them to Mapbox/Google Map API for visualization.   **Moodle Admin:**   * Served as admin for an interpreter certification website |