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|  | **Abhimanyu Patel**  **Solutions Engineer | San Diego** |  |
| <https://abhimanyu-patel.github.io/> | <https://github.com/abhimanyu-patel> | (951)-317-0974 | abhimanyu.patel15@gmail.com  **Work experience** | | |
| **Tealium Inc.**  **Solutions Engineer** |  | March 2019 – Present |
| * Developed solutions and features for client front-end needs using JavaScript, jQuery, and HTML/CSS * Integrated third party software into Tealium product suite by adding or modifying existing code libraries * Debugged client integration of company software in mobile applications for both iOS and Android operating systems * Mentored junior engineers on breaking down code logic, teaching JavaScript fundamentals and APIs while hosting weekly stand up meetings * Worked and spoke directly with clients, to investigate various issues and bring an efficient solution * Utilized Customer Data platforms like AudienceStream and Eventstream to assist clients with governing their data and better serving their needs   **Infosys Ltd.**  **Associate Software Engineer July 2018 - March 2019**   * Developed a module using JavaScript and HTML5 where contents will be displayed according to user assigned roles. * Used RESTful OData Service that presents data from backend to consume them in UI5 application. * Added a smart table functionality for each screen in the application following the MVC architecture. * Used the “sap.ui.table” library to make the visibility of columns dynamic. * Optimized User Interface using JavaScript for multiple checkbox selection compared to the one at a time. * Document artifacts to ensure correct output of the product along with code modifications as required. * Collaborate with the development as well as support team to overcome the flaws encountered in maintenance of the application following SDLC as well as Agile methodology. | | |
| **Skills** | | |
| **Languages**: JavaScript, HTML, Python, MATLAB, SQL, CSS, Java, C++, C  **Technologies**: GIT, ABAP Repository  **Database**: MySQL, Oracle, MongoDB  **IDE**: Eclipse, PyCharm, SAP Web IDE  **Projects** | | |
| **Data Analysis, Senior Class Project Jan 2018 – Mar 2018**  https://github.com/abhpat/ECE-180-Final-Project   * Helped to achieve clean, usable data in python using **Numpy** and **Panda** libraries to use it further for regression model to see correlation between high school and elementary school performances.   **GPS Algorithm based on Least Squares Sept 2017 – Dec 2018**   * Developed the GPS algorithm using MATLAB software with the given data and made comparison plots to show the position accuracy. * Utilized the steepest Gradient descent as well as Gauss-Newton method to find the minimum error in position with respect to the actual value.   **Bar Assist, Arduino Controlled Smart Coaster (IoT) April 2016**   * Constructed a smart coaster at a hardware hackathon organized by IEEE and HKN at UC San Diego * Worked on the software development as well as hardware integration of the pressure & temperature sensor * The device prototype was designed and built within 24 hours and had the following features: * Senses the temperature and sends notifications over Bluetooth to the android application based on the configured parameters * Measures the weight of the glass in order to determine the need for a refill and send notifications over Bluetooth to the android application  |  | | --- | | **Education** | | |  |  |  | | --- | --- | --- | | **University of California, San Diego**  B.S. Electrical and Computer Engineering |  | Sept 2015 – Jun 2018 | |  |  |  | | | | |
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