**SHUBHAM VYAS – Software Developer**

***Whatever You Are, Be A Good One – Abraham Lincoln***

Boston, MA|+1 435-294-8615| [vyas17shubham@gmail](mailto:vyas17shubham@gmail).com| [LinkedIn Profile](https://www.linkedin.com/in/shubham-vyas-0812a6133/)

***A Developer Valued For Driving Quality and Consistency Throughout All Phases of Software Development. Partnering With Developers, Product Managers, QA and Support Engineers Throughout The Product Lifecycle to Produce High-Quality, User, Friendly, Scalable and Bug-Free Applications.***

***2+ Years of Experience Working With LAMP Stack Web Application and Fetching Data From Different Devices Using Various Protocols Including HTTP, SNMP, Telnet and ssh.***

*Available for Relocation*

**CAREER HIGHLIGHTS**

* Created generic method to connect and fetch data from any device, created two generic classes that created, read, updated and deleted functions utilizing HTTP and SNMP protocols.
* Reduced code redundancy in the repository by 20% and decreased execution time by 10%.
* Utilized generic functionalities in our code base for 150 drivers out of 350.
* Optimized HTTP query time by 50%, optimized SNMP query time which decreased average time of extraction by 200%.

**EXPERTISE AREAS**

|  |  |  |
| --- | --- | --- |
| PHP | C# | MySQL |
| Tableau | Linux | AngularJS |
| Bootstrap | SCSS | JavaScript |

**EXPERIENCE AND ACCOMPLISHMENTS**

**C Squared Systems, Auburn, NH.** [www.csquaredsystems.](http://www.csquaredsystems.)com **2017 – Present**

**C Squared systems is a private provider of RF engineering, consulting and software development services. Staff: 200.**

***Software Developer,*** *created drivers in php for devices and maintaining them and maintaining database templates used for environment creating for every major release.*

* Designed, developed and modified software systems, utilized scientific analysis and mathematical models and predicted and measured outcome and consequences of design.
* Modified existing software to correct errors and adapted to new hardware applications and improved performance and supported existing code and databases.
* Developed new code and database structures aligned with internal software development procedures and met the unique needs of customers.
* Obtained and evaluated information on reporting formats, costs and security needs and determined hardware configuration.
* Developed software system testing, validation procedures, programming and documentation.
* Conferred with systems analysts, engineers and programmers and designed systems that obtained information on project capabilities, performance requirements and interfaces.
* Analyzed user needs and software requirements and determined feasibility of design within time and cost constraints.
* Consulted with internal customers in Sales and Business Development regarding software system design and maintenance.

**SHUBHAM VYAS – Software Developer**

**PROJECT EXPERIENCE**

* Developed driver for AGST conflex Light, Samsung Efemto and GE Infinity Power Plant.
* Utilized PHP, MySQL, Flash Builder and built driver to grab data from device interface, clean it and display on company’s portal for visualization.
* Used My Contacts App, A MEAN stack application to create, read, update and delete contacts.
* Built demo website using HTML, CSS, Bootstrap, and AngularJS and implemented a PayPal button.
* Utilized HTML5, CSS3, Bootstrap and JQuery following AIM Code.
* Used Python to scrape data from website and used other modules to clean data and plot the graphs. Worked with modules like beautiful soup, matplotlib, geopy, os, uuid, json. [github.com/shubham17vyas/pythonDataCleansing](https://github.com/shubham17vyas/pythonDataCleansing)
* Found data on Terrorist attacks and deaths executed analysis and visualization of data on death due terrorist attack using Tableau. [public.tableau.com/profile/shubham.vyas#!/](https://public.tableau.com/profile/shubham.vyas#!/)

**TECHNICAL EXPERTISE**

* **Web Technology Expertise**: HTML5, CSS3, Bootstrap, JavaScript, C#, PHP, SCSS, AngularJS, jQuery and Python.
* **Database Expertise**: MySQL, SQL Server, Oracle 9i and 10G
* **Operating System Expertise**: Linux, Windows and IOS.
* **Tools Expertise**: Git, Visual Studio 2015, Dreamweaver, WordPress, Tableau.
* **Software Package and Application Expertise**: Tableau, SQL Server and MySQL.

**CERTIFICATIONS AND ACCREDITATIONS**

* **HTML Essential Training**, LinkedIn.
* **Advance JavaScript Skills**, LinkedIn.
* **HTTP Essential Training**, LinkedIn.
* **Programming Foundations: Data Structures**, LinkedIn.
* **Tableau Essential Training**, Lynda.com.
* **Up and running with Node.js**, Lynda.com.
* **AFCEH Ethical Hacking Course**, Reliance.

**EDUCATION AND CREDENTIALS**

* **MS, Management Information Systems,** Utah State University, Logan, UT.
* **BE, Computer Science Engineering,** RGTU, Bhopal, India.
* **Fluent in Hindi.**
* **H1B Visa.**