***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 applications.**

*Available for Relocation*

**CAREER HIGHLIGHTS**

* Created generic method to connect and fetch data from any device, created generic application with CRUD functionality utilizing HTTP and SNMP protocols.
* Reduced code redundancy in the repository by 20% and decreased execution time by 10%.
* 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.

**PROJECT EXPERIENCE**

* Developed driver for our web portal for devices like AGST conflex Light, Samsung Efemto and GE Infinity Power Plant.
* Utilized PHP, MySQL, to build cutting edge applications to interact with the device interface, clean the data for further use.
* Built Contacts App, A MEAN stack application with CRUD functionalities.
* Built 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.
* **HTTP Essential Training**, LinkedIn.
* **Programming Foundations: Data Structures**, LinkedIn.
* **Programming Foundations: Databases,** Linkedin
* **PHP Essential Training,** Linkedin
* **PHP 7 New Features,** 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 – GPA 3.64
* **BE, Computer Science Engineering,** RGTU, Bhopal, India – GPA 3.4
* **H1B Visa.**