**Abhijith Nair**

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##### SUMMARY

* 3 years of experience in development of full stack web applications using skills in JAVA, PHP and MySQL.
* Worked in requirement gathering, design, development and test phases of SDLC using Agile methodologies.
* Analytical & detail-oriented with strong problem solving skills & computer science fundamentals.

##### EDUCATION

**Master of Science, Management Information Systems – GPA 3.36/4.0**   **August 2015 – December 2016**

##### University of Illinois at Chicago (UIC) Chicago, IL

##### TECHNICAL SKILLS

* **Programming Languages:** Java, PHP, Python
* **Web Development Skills:** JavaScript, RESTful Web service, NodeJS, AJAX, CSS, XML, JSON, HTML5
* **Libraries & Frameworks:** Zend (MVC Framework), Spring 3.0, JQuery, AngularJS, Ionic, Bootstrap, JSF, EJB
* **Databases & Web Server:** MySQL, SQL server 2014, Firebase, Apache, Tomcat
* **Application Software:** Eclipse, Microsoft Visual Studio,MS Suite, WordPress, SVN, GIT, Dreamweaver, Photoshop

PROFESSIONAL EXPERIENCE

**Application Developer Intern – HBCU Ventures, Chicago August 2016 – December 2016**

* Programmed **an ecommerce web application** from scratch where users could order outfits posted by vendors on maps
* Collaborated with BA & stakeholders to design responsive **UI** & **Geomap** module for best customer experience
* Technologies: **HTML5, JavaScript (Ionic Framework), AngularJS, CSS, Firebase**

**Research Aide – Digital Marketing – UIC May 2016 – June 2016**

* Wrote a **python script** using the scrappy library to collect data in an automated manner from 10 crowdfunding sites
* Created a self-design product customization ecommerce website using **WordPress**

**Application Developer Intern** – **UI Health, Chicago** **January 2016 – April 2016**

* **Built RESTful web services** using JAVA SpringBoot which retrieved JSON data from web API, stored in relational database and provided endpoints to access records from the database system for research on cancer gene alteration effects
* Improved efficiency of application to database I/O operations by migrating DB from SQL to SQLite and performance tuning

**Tata Consultancy Services Inc. – Software Engineer December 2012 – July 2015**

**DIME (Digital Integrated Marketing Enabler) – Product Development November 2013 – July 2015**

* Built a web application for delivering effective online marketing campaigns using **Agile & Scrum Methodologies**
* Improved application **performance by 25%** & contributed in **database design** for dynamic template design management
* Enhanced campaign efficiency by integrating Google analytics using **RESTful web services** for analysis & recommendation
* Deployed the application on the Amazon cloud platform using **AWS EC2 web services**
* Technologies: **PHP, HTML5, MySQL, jQuery, Bootstrap, Apache, RESTful web services**

**APM (Application Portfolio Manager) – Product Development January 2015 – April 2015**

* Responsible for **Requirement Analysis**, preparing Technical Design documents and 4-week sprint plan for the project
* Investigate & troubleshoot application hangs by creating **web service** for automated bulk uploads of application information to database using **asynchronous** queuing
* Technologies: **Java, HTML5, MySQL, jQuery, JavaScript, Bootstrap, Apache**

ACADEMIC PROJECTS

**Classification Analysis - Bank Target Marketing – UIC** **January 2016 – May 2016**

* Performed Data cleaning, Data exploration and analyzed bank marketing data for client acquisition
* Developed a classification model which increases campaign efficiency using direct marketing using SPSS

**Twitter Sentimental Review Analysis in MySQL server – UIC** **January 2016 – May 2016**

* Extracted NASDAQ 100’ market data during their release earnings, analyzed for trends on Twitter using MySQL
* Executed complex queries, created dashboards to identify relation between market data variables and Twitter feeds

**Quiz up – UIC** **August 2015 – December 2015**

* Developed an Enterprise Application to upload, conduct and analyze test/quiz data online
* Technologies: **Java, J2EE, JSF, MySQL, XHTML, Tomcat**