

# MAYURESH GUPTA

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## **OBJECTIVE**

Multi-faceted individual with 3+ years of professional experience in Software Development. Seeking full time opportunity as a Software Developer.

## **EDUCATION**

**Master of Science** in Information Technology, University of North Carolina at Charlotte, USA. **GPA 3.6/4.0** (Dec, 2016)

**Related Coursework:** Data Structure and Algorithms, Software System Design and Implementation, Secure Programming and Penetration Testing, Database Systems, Network Based Application Development, Personalization and Recommender system, Cloud Data Storage, Principles of Info. Security & Privacy, Information Technology Project Management, Human Computer Interaction.

**Bachelor in Technology**, SRM University, Chennai, India. **GPA 3.7/4.0** (May, 2011)

## **SKILLSET**

**Languages** - Java, J2EE, Spring, Hibernate, PHP, C, C++, Python, ORMs, XML, Junit.

**Web Techs** - Web Services (Rest & SOAP), WordPress, Angular, Bootstrap, JavaScript, jQuery, HTML5, CSS3, Ajax, JSON, HubSpot.

**Databases** - MS SQL Servers, MySQL, DB2, Informix, Oracle, SQLite.

**Servers** - JBoss, Tomcat, IBM WebSphere.

**OS/IDE** - Unix, Linux, Netbeans, Django, Eclipse, phpStorm.

**Tools** - Amazon AWS, Maven, Git, JIRA, HPQC, HPALM, Taiga, Asana, Apache, XAMPP, MS Project, HPSM, phpMyAdmin, Putty, FileZilla

**Domain** - CRM, Banking and Finance (Information Switching Technology, Internet Banking, ATM, POS, Credit Card Management System, SMS Banking, Core Banking Engine), Solar Industry, Bidding platforms.

## **PROFESSIONAL EXPERIENCE (3+ Yrs.)**

### **Pick My Solar, LA, California**

**Developer Intern - Fall Co-op & Summer Internship**

(June 2016 – Nov 2016)

- Project involved Agile development and enhancement of web portals in PHP framework, MySQL and WordPress as CMS.
- Developed scalable and soundly architected full stack products alongside peers
- Worked closely with Designers to brainstorm, prototype, refine existing web presence and upcoming products
- Integrated APIs from across the industry
- Validated and tested new and existing products.

### **Tata Consultancy Services**

**Test Designer (Client - Adecco, Switzerland)**

(Jan 2015 – June 2015)

- Project involved Agile Testing on customized Salesforce-CRM and PeopleSoft-HRMS.
- Analyzed business requirements for testability and completeness using Functional Specification Documents, Business Requirements Documents and Technical Design Documents. Developed requirements into test conditions. Reviewed test cases and other testing artifacts to ensure the accuracy and completeness of all test artifacts.

**Software Developer (Client - Royal Bank of Canada, Caribbean)**

(Jan 2014 – Dec 2014)

- Project involved development of the retail banking applications of Royal Bank of Canada, Caribbean.
- Worked as a Java developer on different products on front end, back end, databases and web services. Worked across different large scale distributed system and web application for different products with varying technology stack using agile methodology. Majorly involved in development of different components of web applications; front end, back end, database using different frameworks, ORM's, API's.

**Junior Software Developer (Client - Royal Bank of Canada, Caribbean)**

(Jan 2012 – Dec 2013)

- Project involved enhancement and customization of existing banking applications (both external and internal) of RBC for its expansion to Caribbean.
- Worked as development resource. Developed and delivered IT modernized application modules using Java frameworks, developed client's financial services applications. Delivered and maintained scalable system architecture for the projects including Business Layer and Data Management components of the multi-tiered web based system.

## **ACADEMIC PROJECTS**

**UNC Charlotte - Researchers Exchange Participation**

(Fall 2016)

- It is a web-based portal. Users can login and create their own studies. Interested users can participate in the existing studies and share the progress on social-media using Facebook APIs.
- Worked as front end and back end developer with responsibilities including designing of HTML5, CSS and JSP page, database creation & connection, servlets and session handling. Implemented Single Sign On, Social Media Sharing and Java Mail API. Technologies used J2EE, Bootstrap, EL, JSTL

**UNC Charlotte - House Rental Management System**

(Spring 2016)

- It is a web portal where user can search, post and rent a house in and around Charlotte. The project was developed with implementation of Database System Concepts – (Conceptual design, Logical design, Triggers, Stored Procedures, Stored Functions, and Indexes).
- Designed a normalized relational database and implemented the database in MySQL. Programmed in Java, Spring, Hibernate.

**UNC Charlotte - ShopUnlimited**

(Fall 2015)

- Developed an e-Commerce website in Java with concept of personalization and recommender engine.
- Worked as back end developer and was responsible to implement Content Based Recommendation algorithms. These algorithms try to recommend items that are similar to those that user liked in the past.