

Akriti Jain

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OBJECTIVE

Computer Science Graduate with a professional experience of 2 years. Keen analyst skills, along with being efficient in Program development and execution skills. Looking for a full time opportunity for Summer 2017.

EDUCATION

Ira A. Fulton Schools of Engineering, Arizona State University - MS in Computer Science: **4.0 – May 2017**

University of Mumbai, India - Bachelor of Engineering, Major- Information Technology: **68.33% - May 2013**

TECHNICAL INFORMATION

Technical languages: **Java, Spring**, REST, **Android, Hibernate**, Python, C, C++, PHP, JQuery, **SQL, Oracle**, PL/SQL, PL/pgSQL, HTML5, CSS3, JavaScript, SASS, Bootstrap, Backbone JS.

EXPERIENCE

HighPoint Technology Solutions - Web and Mobile Application Developer-Intern (May 2016 – Aug 2016)

- Worked on back-end (**Java Spring + Restful** Service) development of the application.
- Assisted in creating a dynamic and a feature-rich applications and REST API's
- Assisted in creating a **Responsive Web** Design Website using CSS.
- Created Restful services using RestController in **Java Spring framework (MVC architecture)**
- Worked on Spring Framework for creating the MVC architecture and RESTful services
- Created functional test cases using Junit for testing the feature against different inputs with 85% coverage.
- Maintained version control, project management (Agile Development) using GitKracken, CA Rally tools respectively.

Accenture Services, Mumbai, India, Assistant Software Engineer (Nov'13-May'15)

- Joined Database Management Team as a Database support and administered 5 different databases.
- Engineered complex procedures for managing spatial and row-based data and created procedures and reports in MongoDB.4.
- Assembled a Bank Application using **Oracle**, PL/sql, Native Sql, Reports, Forms and conducted Knowledge transfer session for new team.

PROJECTS

Treasure Raider (June 2016 to Dec 2016)

- Created a Location Based Game using location Manager, Navigation, PHP Scripts, MySql server, Image Quizzes.
- Provided google and facebook login and sign up functionality using firebase authenticator and php script for login.
- For denoting progress drew raw google map along with the customized markers denoting location conquered.
- On correct guess raw google map displayed for navigation using google direction API converting lat/Ing to polylines.
- Used AsyncTask template to connect with the remote database using PHP server scripts for read-write operations.

Stack Overflow Data Manager and RestFUL service (Jun'16 – Dec'16)

- Created a **python** project that helps in scraping data from CSV files and process them.
- Incorporated **psycop2g** library to process the objects and store in the database.
- Used flask to create a restful service using cross domain code for handling request from different clients.
- Used app.route to create different URLS which is used as API's

Student Gradebook (Jan'16-May'16)

- Worked on project which include creating a JavaFX GUI, which connects to RestFul web services.
- Created CRUD web service for student grades and details using XML and JSON parser to communicate with those web service.
- Request is send in the form of GET, POST, DELETE, PUT depending on request and implemented various response handling depending on the output
- Created a stateful web service which can maintain a user data throughout the session.

Java Mini database (Jan'16-May'16)

- Implemented various database functionality such as Indexing, Page Replacement policy, Joins, Query Plan.
- Created a code for different page replacement policies LRU, FIFO, LIFO, LRU-K for dirty pages in buffer pool. Designed an algorithm for joining two tables and implemented it, which runs 30% faster than postgres.
- Developed a snippet for Query Estimation based on Uniform Sampling and Query Plan generation for N tables