Faraz Durrani

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Objectives:

Ambitious, determined, and detail-oriented individual with strong technical experience seeks **Full Stack Developer** position with your company where I can effectively contribute my skills as Software Professional.

Qualifications:

- 4 years of experience in developing enterprise application and microservices as a **Java/J2EE** Developer in Object Oriented development, implementation and maintenance of web and distributed enterprise applications using **Java/J2EE**, **Spring MVC, Spring Boot, Spring Security** and **Hibernate** technologies.
- Experience in designing and developing web-based applications and microservices using **Java**, **J2EE**, **Servlets**, **JSPs**, **Web Services**, **RESTful Services**, **MVC framework**, **Spring**, **Hibernate**, **Oracle, MariaDB** and **SQL**.
- Experienced in implementing **DAO** layers using **JPA** standards, **Hibernate API** interfaces, **HQL**, **Hibernate Session Factory** and **Transactions**.
- Sound **RDBMS** concepts and experience working with **Oracle 11g**, **MySQL 5.7, and MariaDB**.
- Experienced in **NoSQL** Database design and principles and hands on experienced in **MongoDB** document style database, and Apache **Cassandra**.
- Experience in producing and consuming **REST** and **SOAP** based web services.
- Experienced in implementing client side technologies like **BootStrap**, **JSP**, **HTML**, **CSS**, **JQuery**, **JavaScript**, and **AJAX**.
- Experienced in creating a chat client using **Spring Framework support for WebSocket.**
- Experienced in **BDD** and **TDD** style of testing. Experienced in **Unit Testing**, **Integration Testing**, **Contract testing** in both **Java** and **Nodejs**.
- Experienced in implementing a **Google Place Autocomplete** Service**.**
- Solid understanding of **Data Structures**, **Algorithms**, **Object-Oriented design** concepts and **Multi-threading**.
- Experienced in Agile/Scrum Methodology of Development.
- Experienced in **SDLC: System Analysis**, **Design**, **Development**, **Testing**, and **Deployment** & **Documentation**.
- Excellent **analytical**, **logical** and **programming skills**, **self-motivated**, **self-starter**, a **team player**, can work with **minimal supervision** with **effective communication** and **organizational skills** combined with **attention to detail** and **time management skills**.

Experience :

Full Stack Developer
Walgreens, Deerfield, IL   September 2017 to Current

- Duties include developing microservices and REST APIs using Spring boot and Nodejs in the backend. Persisting data in MongoDB and MariaDB. Using Thymeleaf on the front end.
- Following BDD and TDD style of testing. Writing Unit, Integration, and Load test to test the application thoroughly. JUnit and Mockito in Spring boot, Cucumber in Spring boot and Nightwatch.js for integration tests, mocha and sinon for Node.js Unit testing, and Jmeter for load testing applications.
- Writing contract testing to verify two microservices can communicate. Use PACT tool to write contract tests.
- Write Gradle to build projects and writing scripts to successfully deploy and build application in CI/CD pipeline.
- Researched and evaluated alternative solutions and made recommendations to obtain efficiencies and cost effective solutions.
- Write Spring batch applications.
- Wrote application to read/write data from Cassandra using Apache Spark.
- Wrote application to do virtualization testing using Mountebank.
- Perform Root Cause troubleshooting / analysis of issues that affect Web Applications.
- Use Git to manage source code revisions.

Software Engineering Analyst
Accenture, Chicago, IL   May 2017 to September 2017

- Worked as an Application Maintenance Senior Analyst for the US's largest non public health insurance company.
- Involved in Java and Web service related troubleshooting.
- Responded to service tickets and service requests within established time-based requirements.
- Coordinated with internal and external Client resources to isolate and troubleshoot issues resulting with service disruption and outage.
- Researched and evaluated alternative solutions and made recommendations to obtain efficiencies and cost effective solutions.
- Managed excellent relationships with IT Operations and business partners to optimize application performance and results.
- Communicated effectively and timely with peers and management.
- Monitor the health of the J2EE Middleware Application Environments.
- Perform Root Cause troubleshooting / analysis of J2EE Middleware Application issues.

Apprentice - Java/J2EE Developer

United Computer Solution Inc, Chicago, IL   January 2015 to January 2017

- Created an adaptive and responsive online ordering web application using Spring MVC framework.
- Analyzed Use Case Diagrams and created various UML Diagrams such as class and sequence diagrams.
- Used the responsive utilities of the Bootstrap frameworks to facilitate the design displaying properly on different devices.
- Used Hibernate ORM framework and MySQL database to persist the data.
- Implemented validations using JavaScript and to handle events on the client side.
- Involved in writing RESTful web services for communication between its upstream applications.
- Configured database programmatically with annotations and mapped entities to tables.
- Wrote SQL queries for persistence of data in MySQL.
- Log4j2 API is used for logging purposes.
- Used Apache Velocity templates to send confirmation emails for orders placed.
- Deployed the application to Apache Tomcat web server on Openshift.
- Used Git to manage source code revisions.
- Built a Student Management Portal web application in a MVC pattern for a training institute to allow students to register for classes and to access and maintain their course records.
- Used Servlets for the back end and JSPs for the front-end.
- Used JDBC API to store data on Oracle 11g.
- Apache Tomcat 7 and 8 application servers were used to deploy web applications.

Personal Projects:

Amazon MWS Utility Programs

- Setup Raspberry Pi 3 as a Server that runs Spring boot web application to automate inventory update and place orders using Amazon's MWS API.
- Converts Vendor's UPC numbers to Amazon's ASIN codes using Amazon's Product Advertising API.
- Updates Seller's inventory daily using Amazon's MWS Feed API.
- Runs 24/7 to read and send emails thru JavaMail API to prepare order files to be uploaded to Vendor's website.
- Downloads orders from Amazon website and prepares a text file per the format specified by the vendor to be uploaded to Vendor's website.
- Uploads tracking and shipping information through Amazon's MWS Order API.

Twitch Utility Program

- This project helps a streamer to send direct messages to all the moderators to control the chat lobby. It also deploys a bot that runs commands like !whois name to display the full information that is associated with the account of the said name.
- Periodically, it checks if the streamer is online using Twitch API. When the streamer comes online, bot connects to Twitch IRC to join the channel and parse all the messages. It accomplishes that by using PircBot library.
- By using Discord's API and OpenYMSG library, messages are sent to all the moderators on their Discord app on the phone or Yahoo Messenger. Moderators can also communicate back with the streamer from their Yahoo Messengers.
- This project uses Spring MVC framework and utilizes its WebSocket support to read the text chat on their own website without having to watch the video on Twitch website. Stomp.js is used on the client side to connect to server and read messages.

Excel File Parser

- This Project uses Apache's POI library to transform MS Excel (.xlxs) file into multiple Excel files.
- It uses java.io.* library to open and read Excel files.
- It reads the names of the sheets to determine unique months.
- It creates several new Excel files that contain sheets of specific months only.
- It stores those files using java.io's FileOutPutStream class.

IT Support Specialist
University of Illinois, CSO-ACCC, Chicago, IL   January 2010 -August 2011

- Key responsibilities include IT support for in person & remote students and faculty.
- Troubleshoot electronic devices, laptops, desktops, mobile devices, WiFi, printer, network and OS issues.
- Worked on a Helpdesk. Provided support over phone on computer or network related issues and logged issues in RT Ticket Management system.
- Provided phone and in-person support to students, faculty, and alumni on University's central logging system and web mail issues.
- Monitored and supported internal network security, including access for users and shared permissions. Install and troubleshoot licensed software's.
- Participated in meetings where attendees discussed problems, progress, issues, how to resolve issues, etc.

Computer Lab Monitor
Truman College, Chicago, IL   January 2007 – May 2008

- Assisted users with software use, general network connectivity issues printing services, and enforcing the computer lab policy.
- Opened and closing the lab in timely fashion so it is available to students.
- Checked on and setup office equipment in labs and reported problems to Computer Labs Department.

Links:

- https://www.linkedin.com/in/faraz-durrani-065aa8143/
- https://github.com/farazdurrani
- http://stackoverflow.com/users/4828463/faraz-durrani

Education:

Bachelor of Science in Computer Science (in progress)   August 2017 – present
Northeastern Illinois University, Illinois
Relevant Courses Included: Introduction to Computing, Introduction to Programming, Data Structures and Discrete Mathematics I and II, Computer Architecture I: Logic and Computer Structures, Computer Architecture II: Hardware-Software Interface, Languages and Automata, Software Design, Practicum in Computer Science Oral Presentations, and Computer Algorithms I.

Reference:
Available upon request.