

FARHAN ISLAM

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COMPUTER SKILLS

Languages: TypeScript, JavaScript, SQL, Java, HTML, CSS, Python, Ruby, C

Frameworks: Angular, Spring, Hibernate, Django, Rails, React, ExtJS, Splunk

Technologies: UNIX, NodeJS, Selenium, Cucumber, ETL, Oracle DB, Junit Testing, Bootstrap, JIRA, Confluence, Git, Firebase

EXPERIENCE

JPMorgan Chase & Co. – *Software Engineer – Commercial Bank Technology; Dallas, TX / Irvine, CA* November 2016 – Present

- Developed appraisal application with Angular 4/ Spring Boot/ Hibernate/ OracleDB tech stack alongside feature team developers
- Took on Scrum Master role for appraisal project which included leading ceremonies, maintaining backlog, and tracking progress
- Implemented offline/online capability for appraisal application with IndexedDB Data sync for appraisers that work offline
- Worked with UX Design expert in order to develop a user friendly experience as well as keeping UX up to ADA standards
- Created Selenium/Cucumber testing framework for current application as well as training business associates to write feature files
- Traveled between business location and technology hub in order to document requirements for initial design of firm application

JPMorgan Chase & Co. – *Application Developer – Reference Data Technology; Dallas, TX* June 2015 – November 2016

- Developed, tested, and deployed Java/Js/ETL code for new features based on business requirements for a securities pricing app
- Helped develop new auto loan rate pricing application that consisted of an Angular 2 front end, Spring MVC, Spring Boot for backend/ middleware, and connected the application to a Cloud DB through JPMorgan's internal cloud service.
- Wrote transform jobs in Pentaho for database tables in which logic would be applied then loaded into result tables
- Queried and modified 1million+ entries of data daily on Oracle DB via SQL Developer

JPMorgan Chase & Co. – *Application Developer – Corporate Investment & Banking Intern; Dallas, TX* June 2014 – August 2014

- Designed a program that automated validation from incoming batch request lists that were sent from financial vendors
- Performed end-to-end testing on ETL/Js/SQL code that went into production
- Utilized Scrum method of Agile Development alongside full-time developers

LEADERSHIP EXPERIENCE AND ACTIVITIES

Gateway Project – Web Developer December 2013

- Constructed User database utilizing SQL and Python for bit coin exchange service
- Created both front end and back end for Gateway webpage using Django web framework

3 Day Startup – Participant Fall 2013

- Established a tech company within three days learning ins and out of constructing a company
- Coded prototype applications and pitched ideas to a panel of venture capitalists

EDUCATION

The University of Texas at Austin Bachelor of Science and Arts, Computer Science May 2015

McCombs Business Foundations Certificate

Overall GPA: 3.8

ACADEMIC PROJECTS

CS429: Computer Organization & Architecture Spring 2014

- Basic systems principles of pipelining and caching as well as utilizing assembly language and C
- Computer design ranging from the digital design to the hardware/software interface for application programs

CS314: Data Structures Fall 2013

- Covered methods for storing large amounts of data and the algorithms used to efficiently access and manipulate the data, as well as the performance of the algorithms.
- Learned specifications, simple unity testing, and debugging; building and using canonical data structures; algorithm analysis and reasoning techniques such as assertions and invariants

ADDITIONAL INFORMATION

Languages: Fluent in Bengali **Interests:** Cooking, traveling, camping, reading, and hiking