




# ZAKARIYA AHMED

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## EDUCATION

**UNIVERSITY OF TEXAS,  
AT DALLAS**  
BA in Biology  
Minor in Computer Science  
May 2016, 3.85

**ACADEMIC EXCELLENCE  
SCHOLARSHIP**  
May 2012 - May 2016  
Full tuition and stipend granted

**AWS CERTIFIED DEVELOPER -  
ASSOCIATE**  
November 2016

## SKILLS

### Front-End

Javascript (ES6)  
AngularJS  
VueJS  
CSS (LESS)  
HTML

### Back-End

Java Spring MVC  
Kafka  
NodeJS  
JUnit  
Groovy

### Databases

MySQL  
Oracle  
ElasticSearch  
DynamoDB

### DevOps

Jenkins  
Git  
AWS

## EXPERIENCE

### CREDERA | SOFTWARE DEVELOPER, TECHNOLOGY CONSULTANT

July 2016 – present

*Open-source technologies developer in Credera's Integration and Data Services Practice, designing and implementing web applications to solve our client's toughest challenges*

### PROJECTS

#### HomeAdvisor - Same Day Service

Expanded Same Day Service offering nationally allowing homeowners to connect with service providers and schedule tasks (A/C install, garage door repair, plumbing, etc.) to be completed that day

- Created RESTful API in Spring micro-service architecture
- Wrote Oracle database and Elastic Search queries to determine which service providers met qualifications for Same Day Service
- Implemented unit and integration tests for business logic using Junit and Groovy
- Deployed Maven applications to QA environments via Jenkins build jobs

#### HomeAdvisor – Opportunity Leads

Created a matching experience to find service providers to backfill homeowner requests when the amount of available providers does not meet threshold to offer an experience to the homeowner

- Created micro-service to handle RESTful API calls to fill homeowner service requests
- Integrated with Oracle SQL using JDBC to maintain the eligibility of service providers
- Updated Elastic Search index mappings to account for new fields that store the service providers' eligibility for Opportunity Leads
- Code reviewed features built by junior developers before deploying to QA environments
- Wrote test cases and assisted QA with end to end testing of new features

#### HomeAdvisor – EasyPay

Worked as a front-end developer to create views and features in a Single Page Application, allowing invoicing between consumer and service provider for Same Day Service requests

- Used CSS, Jade templates, and JavaScript to implement responsive views for consumer payment selection
- Created front-end regex validation for PCI compliant passwords and implemented logic to route user based on password status

#### Credera – Pricing Tool

Migrated Excel pivot tables and spreadsheets to an internal proof of concept application to be used by Credera's upper level management to forecast costs, resources, and revenue for potential client engagements

- Used AngularJS, HTML, and CSS to create front-end components for user to view and edit information on potential projects
- Implemented CRUD service using AWS Lambda Functions, API Gateway, and NodeJS
- Recommended and implemented DynamoDB instance for data persistence