

Chaitanya Swaroopa Boyapati
1500 E Broadway Rd
Tempe, AZ 85282

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We are extremely pleased to offer you an Employment as Test Automation Developer with ZAPS Technocrats Inc. (the "Company") bearing E-verify # 836901 on the following terms and conditions of employment, effective upon your services as directed at the company headquarters located at Columbus, OH, USA.

- 1. Responsibilities:** You shall use your best energies and abilities to perform, the employment duties assigned to you.

Percentage of time spent: 5%

- Member of fast based Agile team and be part of all Sprint Ceremonies (Spring planning, Daily Stand-ups, Sprint Retrospect and Show Case)
- Attending daily stand up meetings with team discussing about what we have done so far and any resources issues.
- Attending Sprint Retrospect for planning the sprint meetings and discussing about the stories in terms of pocking and resources availability.
- Sprint showcase for every 2 weeks discussing on how many points reached, upcoming, sprint goals, deadlines for SIT and UAT and GoLive's.

Percentage of time spent: 5%

- Analyze the business requirements and derive user stories and perform effort pocking and sprint planning
- Gathering business requirements and derive to user stories based on pocking.

Percentage of time spent: 5%

- Contribute to architecture, design, application development, and documentation.
- Working with the architect's and sorting out the technologies
- Involved in the technical design documents including architecture diagrams, development workflow charts, functional integration mappings and system specifications

Percentage of time spent: 5%

- Create high level / detail level system design UML diagrams using Rational Software Modeler.
- Involved in the creation of detailed design with use cases and sequence flow like class level and ER
- Relationships and getting complete view from high level architecture before going into implementation.

Percentage of time spent: 15%

- Implement presentation layer using Angular, HTML, CSS
- Develop the web pages using Angular functions, templates, filters, directives and CLI (command line interface)
- Develop the routing to navigation web pages with in the single page application
- Develop the MVC frame work in angular for data binding and controller scopes, validating user data.
- Co-ordinating the workflow between the HTML coder, and angular framework

Percentage of time spent: 10%

- Develop service layer components using Java / J2EE design patterns that enables the Service Oriented Architecture (SOA)
- Implementing web service call for account validations, start date and end date functionalities.
- Develop the authentication between the service requests' using OAuth
- Generating the order confirmation numbers and payment order numbers with REST API
- Develop the business logic within the service layer which meets the business requirement's
- Integrating web services with the spring framework and passing data to the backend

Percentage of time spent: 10%

- Develop interceptors to address cross-cutting concerns using Spring AOP
- Develop the interceptors for executing the interceptor method for the purpose of Save and Exit functionality.
- Develop the cross-cutting concerns with Spring AOP which will execute the join points and point cut references for resuming the partial transactions.

Percentage of time spent: 10%

- Implement DAO / persistence layer using Hibernate JPA (Spring + Hibernate integration).
- Develop the DAO/Persistence layer for saving the appropriate data and to communicate with the database.

- o Develop the API's for transaction processing, committing the transactions, more over saving the partial transactions.
- o Writing ORM queries for fetching data from database based on business requirements.

Percentage of time spent: 10%

- o Develop asynchronous processing using JMS components to integrate with legacy and external systems.
- o Implemented Active MQ for holding web services requests to avoid concurrency issues.
- o Implemented JMS components for sending emails to the user after transaction completed.
- o Develop the asynchronous programming to communicate with the message broker system and messaging queues

Percentage of time spent: 10%

- o Design and develop batch framework and service components using Spring Batch
- o Implemented Batch scripts for processing the Batch jobs and file uploads from users.
- o Sending failure transactions to the product owners by using Jasper Reports.
- o Created the script file for the user which can be downloaded to view the error messages.

Percentage of time spent: 10%

- o Develop web services (SOAP / Restful) to interface with external heterogeneous systems and conduct end-to-end integration.
- o Consuming and producing data with the help of web services sending to the other environments.
- o Develop the HATEOAS with restful services for better user experience.
- o Develop the web services for Review and filing user data to get the confirmation number.

Percentage of time spent: 5%

- o Develop unit test cases using Junit
- o Develop the JUnit test suite for spring batches for all daily, weekly and monthly batch jobs
- o Writing service test cases to test the web service data
- o Testing web series WSDL with the help of SOAP UI tool
- o Develop the test cases for angular with the help of karma tool

Approximate percentage of time allocation of job duties per month:

Member of fast based Agile team and be part of all Sprint Ceremonies (Spring planning, Daily Stand-ups, Sprint Retrospect and Show Case)	5%
Analyze the business requirements and derive user stories and perform effort pooking and sprint planning	5%
Contribute to architecture, design, application development, and documentation.	5%
Create high level / detail level system design UML diagrams using Rational Software Modeler.	5%
Implement presentation layer using Angular, HTML, CSS	15%
Develop service layer components using Java / J2EE design patterns that enables the Service Oriented Architecture (SOA)	10%
Develop interceptors to address cross cutting concerns using Spring AOP	10%
Implement DAO / persistence layer using Hibernate JPA (Spring + Hibernate integration).	10%
Develop asynchronous processing using JMS components to integrate with legacy and external systems.	10%
Design and develop batch framework and service components using Spring Batch	10%
Develop web services (SOAP / RESTFul) to interface with external heterogeneous systems and conduct end-to-end integration.	10%
Develop unit test cases using Junit.	5%

Also, you are instructed not to divulge any confidential information of, or violate any agreement with, your prior employers or their clients.

- 2. Employment Commitment:** You shall work with us upon the approval of your CPT employment authorization. You will tentatively start working with ZAPS Technocrats, Inc. from **January 7, 2019 till January 6, 2020 provided approval of your**

work authorization. You shall be required to work for **40** hours per week and will be compensated at **\$35 /hr.** Your primary work location will be based out of our corporate office in Columbus, OH. Your performance will be evaluated at the end of every quarter and a report will be provided based on your progress. Your supervisor will be Mr. Moe Taha. Her relevant contact information can be found at the bottom of this letter.

3. **Termination:** The Company agrees to provide you with two weeks advance notice of termination and you agree to provide the Company with six weeks advance notice of termination of employment.
4. **Entire Agreement:** This agreement represents the entire agreement of the parties and it supersedes all prior statements, discussions and understandings and may be amended only by a writing signed by both parties.

To accept employment with ZAPS you will need to sign and return this offer letter, the Employment Agreement, and the Compensation Plan & Offer Highlights Schedule within 2 (two) days of the date of this letter, which is the expiration date of this offer. You will then join ZAPS as a new hire subject to the contingencies contained in the prior paragraph. Copies of all of these documents are enclosed for your records. Congratulations on your new position, I look forward to working with you in your new role.

Sincerely,

X

Moe Taha
Director, PMO & IS Division

☒ **I Accept**

Chaitanya Swaroopa Boyapati 12/05/2018 8:31 PM

(Checking the checkbox above is equivalent to a handwritten signature)