Arturo Figueroa
Born on June 22nd, 1993
Guadalajara - Mexico
Living in Trier
Germany

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Languages:

○ Spanish (Native)

○ English (B2-C1)

○ German (A2-B1)

○ Portuguese (B1)

Education:

2020 - To Date
M.Sc. Data Science
Universität Trier
Trier, Germany.

Aug 2015 - Jan 2016
Biomedical Informatics
University of São Paulo
Ribeirão Preto, Brasil.

2012 - 2016
Biomedical engineer
University of Guadalajara
Guadalajara, Mexico.

Arturo Figueroa Macias

M.Sc. Data Science Student
Software Developer

Experience

Jan 2020 - Nov 2020, Junior APIs Developer, SOFTTEK

- Developed and designed RESTful services and APIs with .NET.

- Familiarized with some cloud computing services specifically AWS.

- Involved in the development life cycle, definition, and feasibility analysis.

- Wrote object-oriented and maintainable code.

- Delivered quality results on time with minimal supervision

May 2018 - Jan 2020, SDET, SOFTTEK

- Tested the functionality, reliability, performance, security of APIs.

- Set up, maintained, and performed test automation frameworks on Web applications platforms.

- Investigated customer problems referred to me by the technical support team, testing bugs, and creating and managing bug reports.

- Worked with deployments teams, resolved level issues for systems, coordinated on product design, and offered inputs on the testability of functional elements and product designs.

- Researched test tools, methodologies, and trends and upgraded existing practices and processes.

Nov 2017 - May 2018, Quality Assurance, TATA

- Implemented from scratch automation tests with Selenium WebDriver improving the time of testing in our project.

- Ensured the new features and implementation are error-free and are working in conformance to the specified functional requirements.

- Designed test cases that cover all the requirements mentioned in the documentation.

- Executed manual test covered all the cases for each new feature in the project, checked the outputs and inputs to see the different behavior of the flow, cross checking in the database the data recorded, and see if is expected behavior.

- Executed Integration Testing, Black Box Testing, and Performance Testing.

Jan 2017 - Nov 2017, Junior Java developer, TATA

- Implemented configurations in the code regarding new rules or different conditions to get Deposits accounts.

- Removed an old web service and added a new one, using SOAP and REST, using JAVA as well to modify the code, designing new databases, working with JAVA EE.

- Familiar with Builds, Deploys, integration testing boxes, using RTC IBM to support our workstream, doing small changes in pages with HTML5 and CSS3, we used JDBC for the connection to the database.

- Followed the Scrum ceremonies like Stand up, Demo, Retrospective, planning, etc.

Skills

Data Science

- **Languages:** Java, Python, R

- **Data Bases:** MySQL, PostgreSQL

- **Libraries:** Scikit-Learn, Pandas, Numpy, Spacy, Tensorflow

- **Big Data:** Hadoop ecosystem, Map-Reduce, Giraph, Pig, Hive, Spark

- **Machine Learning:** Decision Trees, Random Forest, Naive Bayes, K-NN, SVM, K-means

Web Development

- **Languages:** Java, C#, JS

- **Data Bases:** MySQL, PostgreSQL, MongoDB

- **Development Tools:** AWS, Jenkins , Git Bash, Unix/Linux, Jira

- **Testing Tools:** Selenium, Postman Api, JUnit, SOAP UI, JMeter

- **IDE:** Visual Studio, Visual Studio Code, Eclipse

Methods

- SAFe Agile
- Scrum
- Waterfall

Electronics Skills

- Arduino
- PICS
- Digital Electronics
- Analog Electronics