Anthony Ushedo

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SUMMARY

Anthony has a ranged skill-set and inquisitive attitude to IT, which will encourage him to thrive in a technology-based role. Anthony has experience with front-end and back-end development, building applications and websites with HTML, CSS, JavaScript, C#, Ruby, building API's and using PostgresSQL to manipulate data. Accustomed to working on projects within the CI/CD/CD pipeline using an agile methodology. Experience in DevOps and Software Development using Test Driven Development and Behaviour Driven Development; Anthony is a capable of utilising Jenkins, Amazon Web Services, Docker and Terraform. He is keen to utilise his experience and add value on all future projects.

SKILLS

- Object Orientated Programming
- CI/CD pipelines
- Test Driven Development
- Full Stack Development

EMPLOYMENT HISTORY

Skills

Web Technology

Skills: BASH, HTML & CSS, JSON, Python, XML, JavaScript, debugging and tools, Text Editors, Web Inspectors, Git and Github, Fundamentals of Testing, RESTful APIs, information architecture, accessibility, Responsive CSS, CSS Frameworks, The DOM, JQuery

Ruby And Databases

Skills: Relationships and modelling, functions, classes and objects, building web apps, Sinatra, ERB Templates, Rails, Routing, validations, relationships, authentication, asset pipeline, advanced relationships and nested resources, Heroku, database interaction, SQL.

Automation

Skills: Cucumber, Capybara, Gherkin, Selenium Web-driver, BDD, TDD,
RSpec, features and scenarios, writing features, page and data models, page objects.

Software Testing

Skills: Developing and managing test cases and strategies, test design, structured exploratory/session/risk/functional/usability/performance-based testing, black box/white box techniques, defect management, root cause analysis, Jira.

Agile

Skills: Scrum, user stories, personas, acceptance criteria, backlog and estimation, retrospectives, standups, Kanban, agile tooling, continuous delivery.

DevOps Architecture

Skills: AWS, EC2, RDS, Route 53, IAM, VPC, Networking, ELK, Chef, Linux, Terraform, Vagrant, VirtualBox, Advanced Bash, Load Balancing, Horizontal and Vertical Scaling, Kubernetes, Docker, Monitoring, Performance Testing, Risk Registers and Redundancies.

PROJECTS

Ruby-on-Rails Full Stack App

Anthony's User Management App was created for viewing the internal staff and students of Sparta Global's Academy. The fully stacked app was built with Ruby in conjunction with a Bootstrap framework and alongside JavaScript. A Postgres database was used, and the app was created in an environment hosted by Docker.

Python Uber App Pipeline

Anthony successfully completed a project where one of the objectives was to implement four pipelines in Jenkins, three continuous integration (CI) pipelines and one continuous delivery (CD) pipeline. Another aim was to create a development environment using Vagrant, provisioned using a TDD approach with Chef (both unit and integration testing applied to each cookbook). The final requirement was to create an AMI on AWS. This was accomplished using Packer.

Prospero Teaching

Maths Tuition

Anthony tutored students preparing for their GCSEs, QTS and secondary school studies. He tutored 1-to-1 and small groups at several secondary schools within inner city London. All students involved saw a spike in academic achievements.

June 2017 - September 2017

Nottingham University

Intern Assistant Researcher

Anthony received an offer to partake in a research project after presenting his dissertation findings to a board of Nottingham University researchers. His responsibilities included: researching and developing concepts, the construction of a system which can make decisions in ethically loaded collisions, a presentation of the final findings at the annual Operational Research conference (OR59). This internship provided the opportunity to develop Finite Element Analysis (FEA) for the use of CAE simulations.

November 2018 – March 2019

Sparta Global

Duties Include:

- Designed and implemented code versioning and integration strategy using Docker, Jenkins, Chef, Nexus and Amazon S3; this was a vast improvement over the previous strategy and now guarantees stability across environments and the ability to roll back and any point in time
- Managing a multi-tiered, multi-region Amazon EC2, RDS, S3 and Docker-based web application using Terraform, Chef, and Jenkins
- Migrated development environment from 7 EC2 instances to a Kubernetes cluster (1 master, 2 worker nodes), bringing far greater scalability and durability to the platform while reducing cost by more than 20%. Researched Rancher and kops (Kubernetes Operations) and presented findings to the DevOps Team for consideration. Also introduced team to Helm package manager.
  • Writing, testing and deploying Helm charts for Kubernetes pods, services and ingress controllers, ensuring our cluster would be fully reproducible and managed by code. Researched Traefik and Nginx-Ingress Ingress Controllers and worked with the team to decide which was the best fit for our cluster.
- Creating a bespoke PowerShell module for processing and uploading images from on-park computers to Amazon S3 and using Pester for unit testing and load testing, enabling the business to prepare for transforming the previous-gen platform into a Serverless platform
- Collaborating with Developers and QA Analysts to diagnose issues across four different environments, ensuring fixes are properly tested and implemented
- Performing on-call duties every other week, addressing any issues with the cloud platform out-of-hours and resolving in a timely manner

May 2016 - December 2018

Junior QA Tester

Ladbrokes

Anthony was a Junior QA Tester for Ladbrokes working as part of a QA team carrying out Static, Functionality, System, Integration and Regression testing on the BS2000 Shop Automation System. He worked closely with the Developers and Project Managers for the successful completion of projects in an Agile approach.

Duties Include:

- Working end-to-end on the full project development life cycle from business requirements through to development, sign-off and support.
- Working with the developers and subject matter experts to establish the technical vision, usability and performance needs.
- Documenting requirements; preparing functional and technical specification whilst learning to utilize formal software modelling techniques such as UML to create User Cases and Class Diagrams.
- Testing through User Stories and Acceptance Criteria to form Sprint and Product Backlogs.
- Defect identification, tracking and retests upon resolution.
- Attend scrum, sprint-planning meetings and daily stand ups to review product deliverables and deadlines regularly.
- Participating in sprint review and retrospective

April 2015 - April 2016

Junior QA Analyst

Carphone Warehouse

Anthony was a Test Analyst at this Technology-based company. He worked as part of a team on a new project devised to ensure a more sufficient system of signing up new and upgrading current customers to their contracts.

Duties Included:

- Production of documents to facilitate efficient and effective testing environments, testing strategies, test plans, and printed copies of all expected results.
- Assisted in producing and implementing UAT test plans as well as being the point of contact for defects reported during UAT testing
- Assisted in the preparation of test plans that set out objectives, entry/stopping/ exit criteria, and test conditions
- Created test scripts, test case and test sets in the test kink tool to ensure each application is comprehensively tested.
- Responsible for preparing test conditions, creating test case, test data to ensure each application is comprehensively tested to full Operational status.
- Carried out automated testing using SOAP UI on multiple in-house projects
- Ensured that each application had full regression testing.
- Liaised with the development team to ensure rapid problem resolution and overall quality control through the implementation stages.
- Carried out user acceptance testing for functionality, user interface, transaction data quality and reliability.
- Documented all processes and procedure of test activities.
- Logged, investigated and controlled the processing of errors including regression testing in JIRA.
- Ensured that issues raised are tracked and logged for resolution.

EDUCATION

September 2010 - April 2013

Nottingham University 2:1

Computer Science Bsc

Anthony's thesis paper was based on the ethics of decision making for autonomous vehicles; the current Trolley Problem faced in the Automotive Industry was challenged. The thesis received a first.

Degree modules include: Analytical Modelling, Advanced Control Engineering, Engineering Mathematics, Design Engineering, Fluid Mechanics, Thermodynamics, Beginner French, Beginner Spanish, Advanced Counselling, Engineering Management.

September 2008 - May 2010

St. Angela's & Sr. Bons 6th Form College

A - Levels

Psychology, Mathematics, Information Technology

CERTIFICATIONS

ISTQB

Foundation and Software Testing Qualification.

Sparta Global Training Academy

Technical Consultancy Qualification

EXTERNAL PROJECTS

SBD Automotive – Mechanical Product Innovation

SBD Automotive required a scalable conceptual design of Autonomous vehicle architecture (CAN, Flex Ray, LIN etc), by means of Advanced Driving Assistance System (ADAS) research and compatibility development. Anthony participated in off site visits to Head Office for conceptual design and product development meetings. This was to develop his understanding and build rapport with connected car specialists. Anthony implemented CAE (MATLAB, Simulink) for testing and developing the vehicle network's maintenance and cyber security. The project was concluded with a presentation of reports on a finalised solution for stakeholder review.

Working with new technologies outside of Anthony's discipline led to a more versatile approach to problem-solving. He discovered efficient methods of assimilating information in short periods of time. As a proactive learner, Anthony developed a strong work ethic because despite working in a team he took on several of the heavier tasks himself.

HOBBIES

Anthony is currently developing his knowledge in Advanced Driving Assistance Systems to further his understanding in autonomous vehicles technology. He is partnering with a Control Engineering lecturer with the intention of releasing a published paper tackling the intricacies of the Trolley Problem.

Other extracurricular interests include music, reading and regularly training with an amateur boxing club.