

## 1. Overview of the Practicum Engagement

- **LinkedIn Learning Certifications**

LinkedIn Learning is an American online learning provider. It provides video courses taught by industry experts in software, creative, and business skills. It is a subsidiary of LinkedIn. All the courses on LinkedIn fall into four categories: Business, Creative, Technology and Certifications.

- Required Modules

1. Design Thinking Learning Module

- Learning Design Thinking: Lead Change in Your Organization
- Develop Your Creative Thinking and Innovation Skills
- Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills

2. Project Management Learning Module

- Project Management Foundations
- Become an Agile Project Manager

3. Workplace Management Learning Module

- Develop Your Communication Skills and Interpersonal Influence
- 5S Workplace Productivity
- Time Management Fundamentals
- Time Management: Working from Home
- Business Etiquette: Phone, Email, and Text

- Specialization Modules

1. Full-Stack Web Development

- Become a Full-Stack Web Developer
- Become a React Developer
- Learning Git and GitHub
- Become a RESTful API Developer

2. Cloud Computing

- Understanding Cloud Fundamentals

3. Machine Learning

- Understanding Cloud Fundamentals

### Nature of assignments

The nature of assignments given in LinkedIn Learning can be identified by two tasks:

#### Chapter Quiz

These are given after each chapter in a learning course. It contains a few questions regarding the contents of the chapter. Your answers are given in a multiple-choice type, and you can rewatch parts of the chapter in case you get a wrong answer. Quizzes can be taken multiple times.

#### Activity/Challenge

These are sometimes given in between chapters that pertain to certain hands-on activities such as coding exercises that applies the learnings covered in within the chapter. Usually, exercise files are given on the main page of the learning course and can be used to answer activities/challenges.

**Platform used: LinkedIn Learning**

**Engagement Hours: 124 Hours**

**Credit Hours: 372 Hours**

- **Accenture ATA AWS Curriculum**

Accenture plc is an Irish professional services company based in Dublin for tax purposes. Specializing in information technology (IT) services and consulting. A Fortune Global 500 company, it reported revenues of \$50.53 billion in 2021. Accenture's current clients include 91 of the Fortune Global 100 and more than three-quarters of the Fortune Global 500.

Amazon Web Services, Inc. (AWS) is a subsidiary of Amazon that provides on-demand cloud computing platforms and APIs to individuals, companies, and governments, on a metered pay-as-you-go basis. These cloud computing web services provide distributed computing processing capacity and software tools via AWS server farms.

#### Courses

##### **1. Introduction to the AWS Management Console**

Duration: 1 Hour

Overview on AWS user interface in managing AWS services. A quick navigational guide users for new to AWS.

##### **2. Introduction to Cloud 101 (Labs)**

Duration: 8 Hours

The goal of this course is to set a foundation for cloud knowledge and help you decide where to take your learning next. This course will help you gain knowledge and experience with cloud fundamentals.

##### **3. Cloud Support Engineer**

Duration: 40 hours

A Cloud Support Engineer is an important role focused on supporting cloud customers. This role requires a wide range of technical knowledge, from operating systems to web applications.

##### **4. Application Developer**

Duration: 50 hours

An Application Developer creates or writes programs for a particular operating system (i.e., Windows, Mac OS X or UNIX), the web or a device. This will provide fundamental information needed for an application developer.

### Nature of assignments

The nature of assignments given in AWS Educate can be identified by the following tasks:

#### Hands-on practice

These are interactive activities that are embedded in the modules that simulate how to navigate through AWS or to get more information on a certain topic.

#### Labs

These are actual laboratory exercises that launches a temporary instance of an AWS account to experience an actual deployment environment. There are given step-by-step instructions that are required to get the final output to be graded based on the accuracy of steps followed.

#### Knowledge Check

These are quizzes given after each module. They usually contain 5 randomized questions about each module. Quizzes can be taken multiple times and the highest score is recorded.

#### Final Assessment

These are final quizzes given at the end of the course. They contain randomized questions from all modules. Final Assessment can be taken multiple times and the highest score is recorded.

#### Survey

Two surveys are given at the start of the course and at the end. These usually ask on the quality of learning the course provides, any suggestions regarding the course, how likely you are to recommend AWS to a relative, and if you are interested in taking an AWS Certification.

**Platform used: AWS Educate**

**Engagement Hours: 100 Hours**

**Credit Hours: 120 Hours**

**Total Practicum Credit Hours: 492 Hours**

## 2. Presentation of Output

- LinkedIn Learning

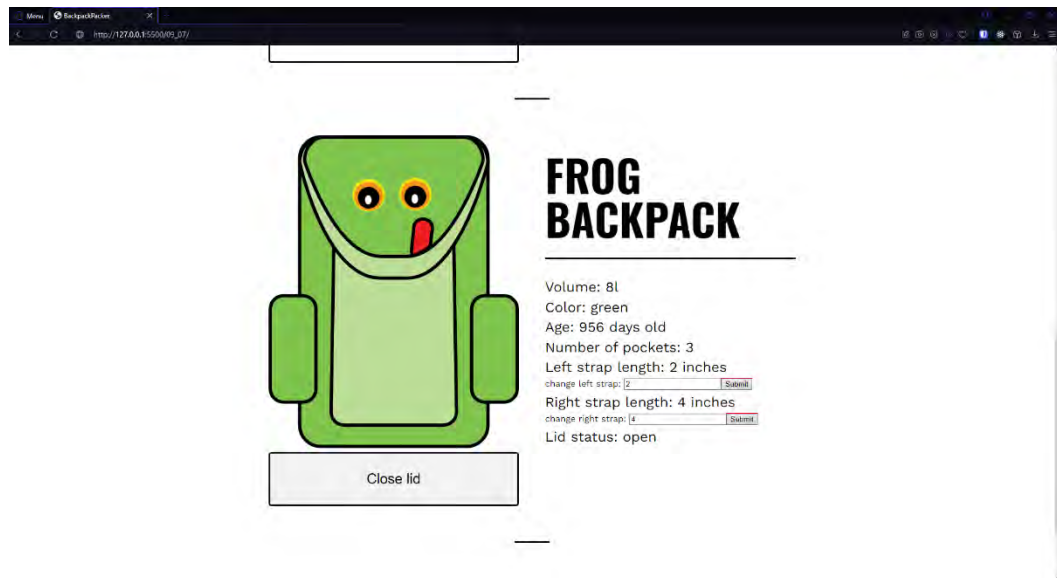
Here is a few screenshots and detailed discussions of the output from my specialization modules



This is a sample activity in JavaScript Essential Training by Morten Rand-Hendriksen



It requires to code a simple HTML textbox and button that can change the strap length of each backpack



It requires to apply learning from JavaScript Objects to differentiate both backpacks and straps



This is a sample layout of React framework in React.js Essential Training (2020) by Eve Porcello

```
C:\Windows\System32\cmd.exe
D:\JL Files\LinkedIn Learning Files\[APPLICATIONS]\react-essentials>git log
commit eef7080 (HEAD -> main) Added nested routes using Outlet
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:56:14 2022 +0800

    Added nested routes using Outlet

commit 889574e Added nav to React Router and handling 404 routes
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:55:12 2022 +0800

    Added nav to React Router and handling 404 routes

commit 5669a2c Implemented React Routes
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:48:44 2022 +0800

    Implemented React Routes

commit e5a87d6 Initialized React Router
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:40:17 2022 +0800

    Initialized React Router

commit 8262161 Added Checkbox testing
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:19:18 2022 +0800

    Added Checkbox testing

commit 0f30a2c Initialized Checkbox and test JS in src folder
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:17:55 2022 +0800

    Updated to simplify App.js for testing library

commit fbb8c4e Removed duplicate file of App.test.js
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:15:44 2022 +0800

    Removed duplicate file of App.test.js

commit ee61939 Added App.test JS file
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:07:58 2022 +0800

    Added testing functions with Jest

commit 6202f4c Added testing functions with Jest
Author: JN <jljuanillo@live.aci.edu.ph>
Date: Thu Apr 21 18:07:58 2022 +0800

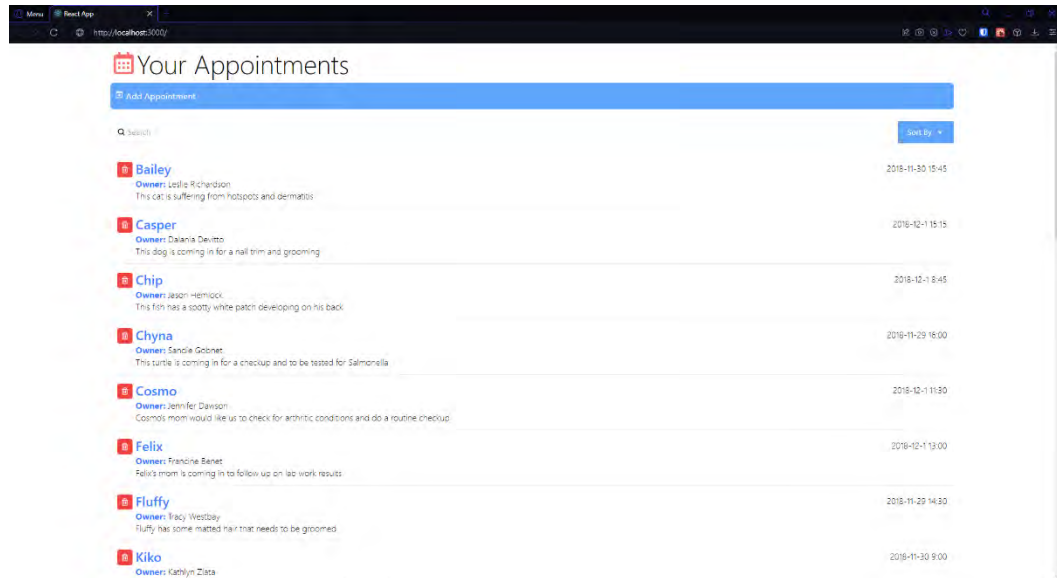
    Added testing functions with Jest
```

I've applied my learning in Git Essential Training: The Basics by Kevin Skoglund

```
C:\Windows\System32\cmd.exe
D:\JL Files\LinkedIn Learning Files\[APPLICATIONS]\react-essentials>git log --oneline
eef7080 (HEAD -> main) Added nested routes using Outlet
889574e Added nav to React Router and handling 404 routes
5669a2c Implemented React Routes
e5a87d6 Initialized React Router
8262161 Added Checkbox testing
0f30a2c Initialized Checkbox and test JS in src folder
fbb8c4e Updated to simplify App.js for testing library
ee61939 Removed duplicate file of App.test.js
6202f4c Added App.test JS file
c845bf5 Added testing functions with Jest
23cb0ac Cleared contents of functions and functions.test JS files
5131011 Added functions and functions.test JS files
cbf6aa3 Added loading and error useState
30e2e22 Added authentication to GitHub API and display relevant information
7376094 Added useEffect as way to fetch data from GitHub API
949ff42 Added checkboxes and useReducer
e38a2cf Added useEffect in App.js
daeb53e Added useState in App.js
6529041 Added array and object destructuring examples
73f2d02 Replaced restaurant components to conditional components example
c8e4f7a Applied shorthand to App tag
0219489 Added restaurant image to project
931ae58 Added restaurant image to react application
69ea489 Added keys to list items using object
d8ea522 Commented out console log for Header component
ae66e1a Added an array to Main component
bc4798e Added props to components
bd137f2 Replaced rendering from index.js to App.js
18ca343 Added JSX to index.js
9e43406 Add formatonsave
9eb2f65 Initialize project using Create React App

D:\JL Files\LinkedIn Learning Files\[APPLICATIONS]\react-essentials>
```

Here is a one-line version of the git log in the sample React layout

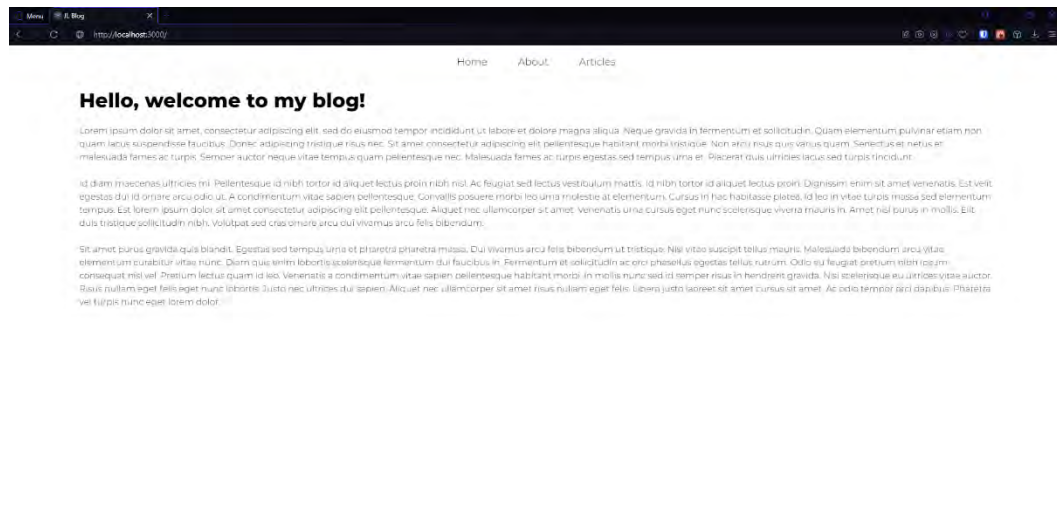


In React.js: Building an Interface by Ray Villalobos, React JS Framework is combined with the CSS Framework TailwindCSS

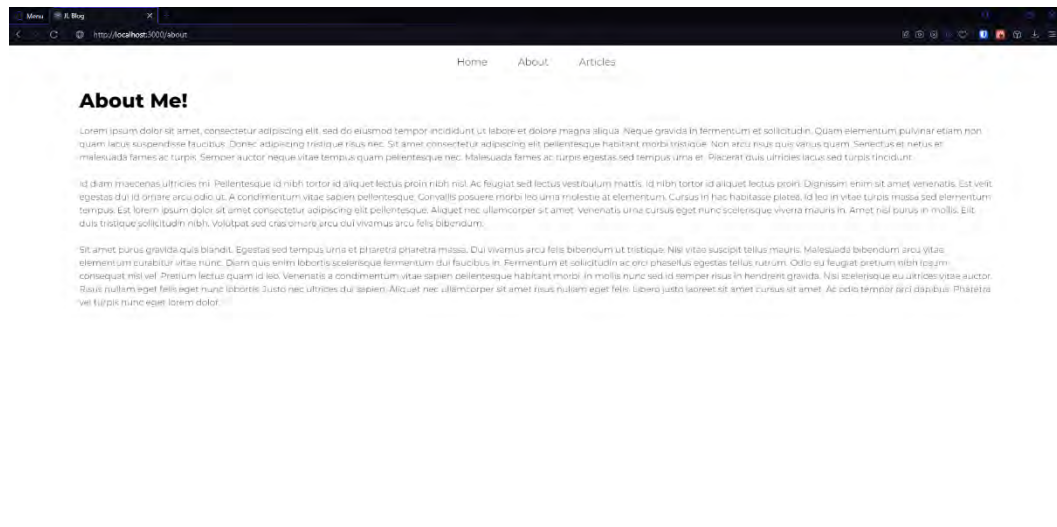
```
PS D:\JL Files\Linkedin Learning Files\APPLICATIONS\reacttailwind-test> git log --oneline
68924b1 (HEAD -> main) Added add new appointment function
f3516f8 Added sort function to Search component
fd441a2 Added sort in App.js
1493d35 Implemented searching a filtered array
68dca64 Added deleting functionality in AppointmentInfo and App JS files
0d716d3 Utilized useCallback and useEffect to track changes in data.json
f4c9351 Added useState hooks passed through components in Search.js
631769a Added useState hook to AddAppointment component
abd23e4 Separated AppointmentInfo to another component file
15c6706 Imported data from JSON file
3e0a01a Added AddAppointment component
4c7bfe8 Added Search component
b921034 Added initial style to App.js
46241b8 Deleted App.css
2ab1282 Installed and configured TailwindCSS
35d813e Installed React-Icon
3996328 Initialize project using Create React App
PS D:\JL Files\Linkedin Learning Files\APPLICATIONS\reacttailwind-test>
```

Here is the git log of the React interface





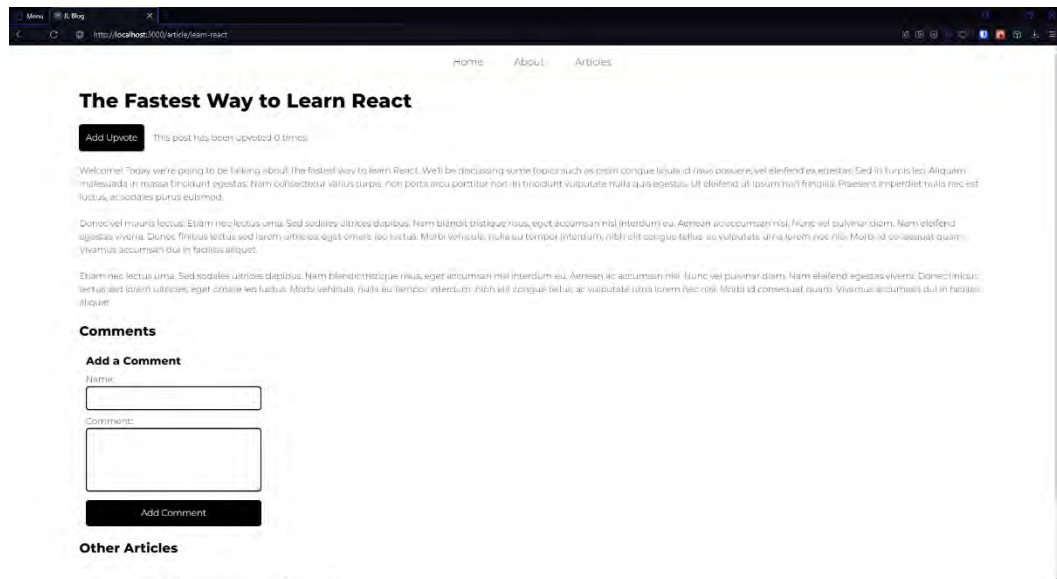
This is the output of the course React: Creating and Hosting a Full-Stack Site by Shaun Wassell



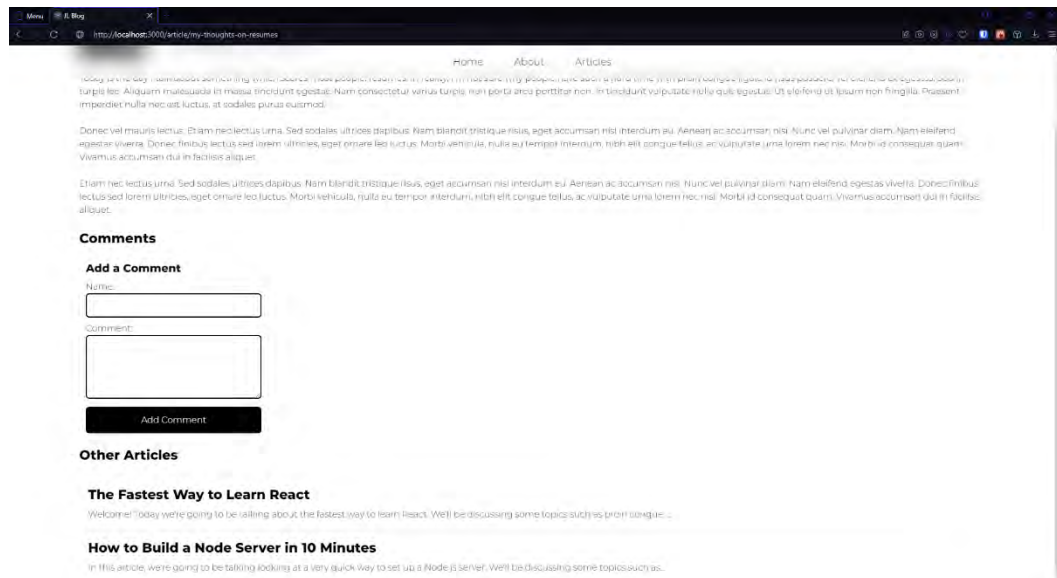
It combines almost everything I have learned in the specialization module in full stack development: Building a React application, installing TailwindCSS, configuring routes using ReactRouter, handling data with MongoDB backend



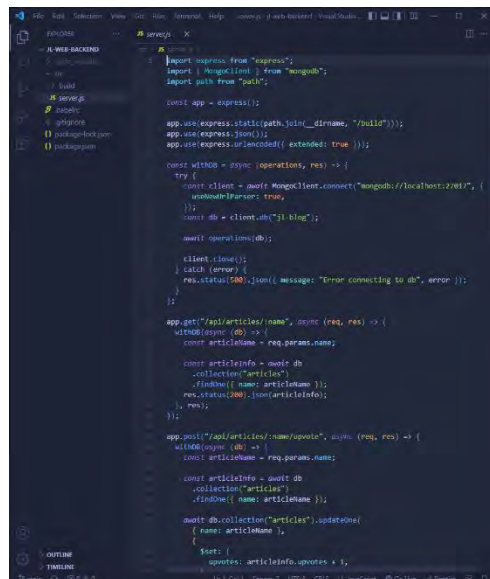
This articles page is a component I made in React that can be used in other parts of the site



This is a sample article that uses a backend data to handle upvotes, names, and comments in MongoDB



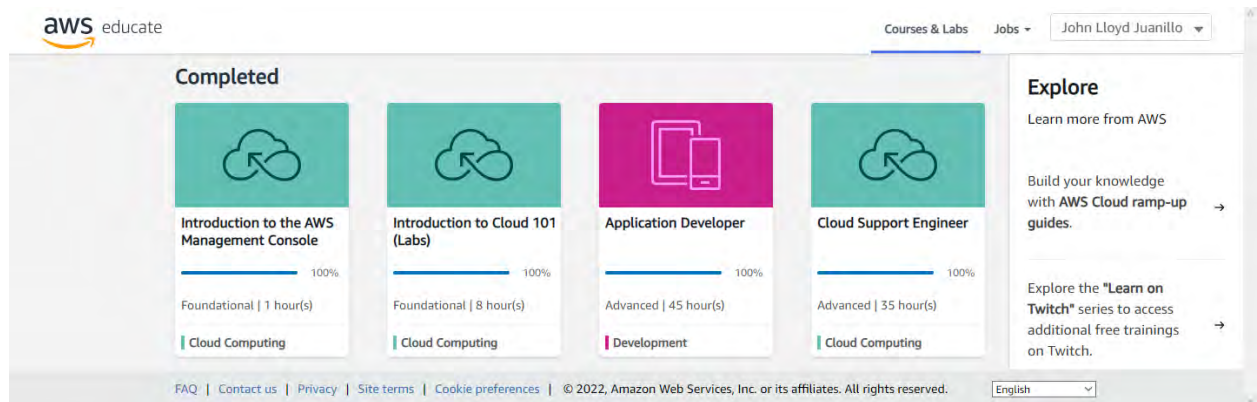
I reused the articles component on an article page



This is the backend code of the full-stack website using MongoDB

- AWS Educate

Here is the completion screenshot of the AWS Educate Interface



Completion screenshot of Accenture ATA AWS Curriculum

Since we are advised to not take screenshots during our modules in Amazon Web Services, here is a detailed discussion on the tasks given:

For the first course in the ATA Curriculum, I explored and had a hands-on experience with the AWS Management Console. Within the hands-on, I was able to set up an EC2 instance from navigating to the EC2 management interface to starting, stopping, and terminating an EC2 instance. I also learned how to access different regions of AWS where some services may or may not be available.

The next course to follow is an introduction to the cloud. These include the core concept of cloud computing in general and why businesses are migrating to a cloud-based solution, the history and benefits of AWS cloud computing, the core services that they offer, and a lab exercises regarding the said core services. What I liked about the lab exercises is that they use the actual AWS interface as if you have an active account in AWS. Every instruction in their lab exercises are clear and easy to understand. It makes it comfortable and gets me used to working in their AWS platform. After the completion of Introduction to Cloud 101 (Labs), a badge is given to me as proof of completion through Credly.



[AWS Educate Introduction to Cloud 101 Badge from Credly](#)

As for the Cloud Support Engineer, it is packed with modules regarding platforms, networks, software development, and security.

- For the first module platforms, it discusses about operating systems, specifically Linux, as AWS rely on having knowledge in its CLI. This can be seen when creating an EC2 instance and you are only given access to SSHing to the newly created instance. Other topics covered in this module is virtualization.
- The next module is all about networks. It talks about the architecture of cloud-based computing which consists of components such as the front-end and back-end of the platform. This is where VPC is applied as you should have a basic knowledge of networking such as TCP/IP protocols, port forwarding, and troubleshooting.
- The next module discusses the various languages used in software development. It first discusses how CLI works and an introduction to AWS CLI, then it lists down relevant languages for AWS such as JavaScript, PHP, PowerShell, and Ruby.
- The last module talks about security which includes access control, authentication, disaster recovery, encryption, identity management, and risk/compliance. This is where IAM or Identity and Access Management of Amazon Web Services is introduced. It is where you create and manage users, groups, and permissions to

AWS resources. After each module a knowledge check is answered regarding the module topic and a final assessment at the end.

For Application Developer, it has 5 modules that discusses architecture and DevOps, programming and scripting, web, mobile and gaming, structures, relational and non-relational database, and platforms.

- The first module discusses the concept of DevOps and how it is a combination of cultural philosophies, practices, and tools that help improve speed and efficiency of an organization to develop applications. It differentiates Continuous Integration with Continuous Delivery. Continuous Integration is a DevOps practice that pertains to regular merging of code changes in a single repository. Continuous Delivery builds on Integration and code changes are prepared for release in production. It also discusses about the Blue/Green DevOps Deployment.
- The next module discusses the programming and scripting languages used in software development. These include Visual Basic .NET, C, C#, C++, Java, Python, the Command Line Interface (CLI), JavaScript, PHP, PowerShell, and Ruby. It mainly discusses a brief history of the language or script and its use cases.
- For the next module, it links several text and video resources regarding web development, mobile development, and mobile startup and gaming.
- In Data and Databases module, it discusses the importance of data structure in software development and why it is one of the most asked questions in developer job interviews. This module also discusses the difference of relational databases and non-relational databases which is the overall structure of relational databases are set per table while non-relational databases are more flexible in its structure at the cost of added complexity in data manipulation.
- The last module discusses platforms which include a basic definition of operating systems and how it is utilized in Amazon EC2, and virtualization concepts and how it is essential in cloud computing.

### 3. Synthesis of the Practicum Engagement

From all the learnings I have gained throughout this practicum, it can be categorized into three types of learnings.

The first type of learning is professional knowledge. This is learning about the mindsets to take into consideration when engaging in a project with other team members. This includes Design Thinking and how it is a mindset that tackles problem solving with regards to human centered characteristics. Creative Thinking where being creative is not much about being good at art, but rather generating ideas that are not normally considered and could be useful in brainstorming solutions to problems. I also learned the two approaches to project management: The traditional approach (Waterfall) in which every goal is clear and linear in nature. The agile approach is appropriate when you don't know what the solution to a problem is and would require an iterative process to reach a conclusion and often involves the customer more than the traditional approach. Workplace Management which deals with developing the necessary communication skills that are essential in both cooperating in a team and leading a team project. This is done with developing interpersonal or internal communication, developing trust with your team, building relationships with clients and business partners, non-verbal communication, and being approachable and tact.

The second type of learning is practical knowledge. Aside from the programming basics such as HTML, CSS, and JavaScript, there were some topics covered that I overlooked when learning web development for the first time. Those were designing websites for accessibility, in other words, making websites more user-friendly for people who have difficulty accessing web pages. These include adding alt tags to images for screen readers, adding skip to content, optimizing delivery of images for data constraint users. This is where I also learned about building a Full-Stack website using the React JavaScript Framework. This website is a testament to what I have learned throughout my practicum specialization module.

The third type of learning is theoretical knowledge. This tackles the learnings that I can apply further into my career as an IT graduate. This includes the core concept of cloud computing in general and why businesses are migrating to a cloud-based solution,

the benefits of AWS cloud computing and the core services that they offer. This also includes an immersion in the basic concepts of Git, Cloud Computing, and Machine Learning.

During my immersion in this practicum program, I have realized that IT has various paths to take moving forward into my career. This can range from software development, management, and administrative tasks to future innovations such as cloud computing and machine learning or Artificial Intelligence (AI).

At the end of this practicum engagement, there were subjects that were tackled that are refreshers to what I currently learned throughout my time in college. But there were also new topics covered that showcases an aspect of Information Technology which is that it is a continuous learning experience. You never stop learning IT because there is always something new to learn about and create.



4. Appendices

- **1.0 Competency-Based CV**



# John Lloyd Nobleza Juanillo

## OBJECTIVE

To obtain a hands-on experience in a corporate organization that will enhance my skills and acquire additional knowledge in the field of Information Technology, Cloud Computing, and the Internet of Things.

## PERSONAL SKILLS

- Provides logical and critical solution to problems.
- Creativity in arts and graphic design.
- Outstanding leadership skills.
- Communicates and cooperates well in a team.
- Optimistic mindset in the work environment.
- Displays flexibility with schedules and deadlines.
- Mastery in writing, speaking, and understanding English.

(+63)906 457 5565

[jl.juanillo001@gmail.com](mailto:jl.juanillo001@gmail.com) (Personal)

[jljuanillo@live.mcl.edu.ph](mailto:jljuanillo@live.mcl.edu.ph) (School)

Phase 1 Block 15 Lot 22 San  
Lorenzo South, Santa Rosa, 4026  
Laguna, Philippines

## EDUCATION

Undergraduate Degree in B.S. IT  
Malayan Colleges Laguna  
Pulo-Diezmo Road, Cabuyao, 4025 Laguna

A.Y. 2018 – ongoing

Senior High Graduate  
Malayan Colleges Laguna  
Pulo-Diezmo Road, Cabuyao, 4025 Laguna

A.Y. 2016 – 2018

Junior High Graduate  
Emmanuel Christian School  
Malitlit Rd., Santa Rosa, 4026 Laguna

A.Y. 2012 – 2015

## TECHNICAL SKILLS

- Knowledgeable on the basic functions, controls, and hardware of a modern computer desktop or laptop as well as a plethora of computer software programs such as the Microsoft Office Suite (Word, Excel, PowerPoint, etc.), Adobe Creative Suite (Photoshop, Illustrator, After Effects, Premiere Pro), IDE Software (NetBeans, Eclipse, Android Studio, Visual Studio/Code), and Database Management Software (Microsoft Access, MySQL, SQL Server).
- Displays flexibility in learning new concepts such as Cloud Computing and the Internet of Things. Experienced with hardware components such as Arduino and Wemos (ESP8266) Devices along with other sensors and circuitry principles.
- Shows exceptional skill when coding back-end applications in various languages, developing and designing UI/UX oriented front-end interfaces, as well as managing and organizing data securely with the help of SQL and Database Management Software.

## ACHIEVEMENTS

Malayan Colleges Laguna (A.Y. 2016 – ongoing)

Pulo-Diezmo Road, Cabuyao, 4025 Laguna

- President's Lister (College | 3<sup>rd</sup> year up to 4<sup>th</sup> year) from 1<sup>st</sup> year up to 4<sup>th</sup> year
- Dean's Lister (College | 1<sup>st</sup> year up to 2<sup>nd</sup> year) 15<sup>th</sup> of May 2018
- Academic Scholarship Grant (College) 15<sup>th</sup> of May 2018
- Certificate of Recognition (OJT Work Immersion) 10<sup>th</sup> of April 2018
- Certificate of Academic Achievement (Grade 12 | 3<sup>rd</sup> Term) 9<sup>th</sup> of February 2018
- Certificate of Academic Achievement (Grade 12 | 2<sup>nd</sup> Term) 15<sup>th</sup> of July 2017
- Certificate of Academic Achievement (Grade 12 | 1<sup>st</sup> Term) 9<sup>th</sup> of February 2017
- Certificate of Academic Achievement (Grade 11 | 3<sup>rd</sup> Term) 11<sup>th</sup> of November 2016
- Certificate of Academic Achievement (Grade 11 | 2<sup>nd</sup> Term)
- Certificate of Academic Achievement (Grade 11 | 1<sup>st</sup> Term)

Emmanuel Christian School (A.Y. 2012 – 2015)

Malitlit Rd., Santa Rosa, 4026 Laguna

- Certificate of Completion by CAL (*Computer Assisted Learning*)
  - Experiencing ICT Web Development 23<sup>rd</sup> of March 2016
  - Exploring ICT Microsoft Office 2007 29<sup>th</sup> of March 2012
- Best in Computer (Grade 10)
- Classroom First Honors (Grade 9)
- Best in Computer (Grade 9)
- Classroom Third Honors (Grade 8)
- Best in Computer (Grade 8)
- Best in Arts (Grade 7)
- Best in Computer (Grade 6)

## TRAININGS AND SEMINARS

MSU-IIT in partnership with Japan International Cooperation Agency (AUN/SEED – NET)

- Learning from the Industry Webinar 23<sup>rd</sup> of August, 2021

Malayan Colleges Laguna (A.Y. 2016 – ongoing)

Pulo-Diezmo Road, Cabuyao, 4025 Laguna

- App Development Workshop with Samsung 4<sup>th</sup> of February, 2017

## PROJECT LEADERSHIP

Malayan Colleges Laguna (A.Y. 2016 – ongoing)

Pulo-Diezmo Road, Cabuyao, 4025 Laguna

- Project Leader in Thesis Capstone Project Mi Amoro: Development of an IoT-Based Welfare Monitoring and Reporting Wearable Device Prototype for OFWs from the BARMM Region in completion of the courses IT200-1D and IT200-2D
- Project Leader in developing an IoT Plant Health Monitoring System in completion of the courses IT140P, IT155P, and IT145
- Project Leader in developing an MCL Attendance Checker Application in completion of the course OJT09-1

- **3.0 Practicum Acceptance**

## Accenture Technology Academy: Access Granted – Amazon Web Services

1 message

**campus-recruitment** <campus-recruitment@accenture.com>

Thu, Apr 28, 2022 at 5:28 PM

To: "jl.juanillo001@gmail.com" &lt;jl.juanillo001@gmail.com&gt;, "bryan.donmarc@gmail.com" &lt;bryan.donmarc@gmail.com&gt;

Cc: "Ongoco, Dimple" &lt;ma.roselle.e.ongoco@accenture.com&gt;, "Fernandez, Raine" &lt;florraine.fernandez@accenture.com&gt;, "Maribelle D. Pabiania" &lt;mdpabiania@mcl.edu.ph&gt;, "kgkikuchi@mcl.edu.ph" &lt;kgkikuchi@mcl.edu.ph&gt;



# Accenture Technology Academy

Thank you for enrolling at **Accenture Technology Academy**. This is to confirm that you have been granted access to **ATA Amazon Web Services**. Start by following the instructions in the attached User Guide on creating your account and accessing the courses.

For your reference, below is the **ATA AWS Curriculum**.

### Amazon Web Services (AWS)

Course	Description	Duration
Application Developer	An Application Developer creates or writes programs for a particular operating system (i.e., Windows, Mac OS X or UNIX), the web or a device.	50h
Introduction to Cloud 101	The goal of this course is to set a foundation for cloud knowledge and help you decide where to take your learning next.	8h
	This course will help you gain knowledge and experience with cloud fundamentals.	
Cloud Support Associate	Cloud Support Associates use their expertise in cloud computing and AWS solutions to answer customer questions and solve technology challenges every day. If you're curious, excited by the future of cloud computing, and enjoy working directly with customers.	40h

Take advantage of this opportunity to get all the knowledge you need to grow your skills and prepare for your future career in technology.

We encourage you to finish these courses by **June 30, 2022**. For questions or concerns, reach out to your faculty POCs – **Ms. Maribelle Pabiania**,

[mdpabiania@mcl.edu.ph](mailto:mdpabiania@mcl.edu.ph) and Dean Khristian Kikuchi, [kgkikuchi@mcl.edu.ph](mailto:kgkikuchi@mcl.edu.ph)

**Campus Recruitment Team**

Accenture in the Philippines

# Dashboard



Application Developer  
AWS\_005

Cloud Support Engineer  
AWS\_002

Introduction to Cloud 101  
EDC101v1EN

Introduction to the AWS Manage...  
EDINCOv1EN

## To Do

- New console exper...
- Introduction to Cloud 101  
Apr 25 at 8:17pm
- Show All

## Recent Feedback

Nothing for now

View Grades





John Lloyd Juanillo

Logout

Notifications

Files

Settings

QR for Mobile Login

Global Announcements

☒ Use High Contrast UI ⓘ



Cloud Support Engineer  
AWS\_002



Introduction to Cloud 101  
EDC101v1EN



To Do

New console exper...  
Introduction to Cloud  
101  
Apr 25 at 8:17pm

[Show All](#)

Recent Feedback

Nothing for now

[View Grades](#)



- **6.0 Practicum Learning Module Path Proposal**

## IT PRACTICUM X LEARNING PATH PROPOSAL

COMPLETE NAME : JUANILLO, JOHN LLOYD N.  
STUDENT NUMBER : 2018134504

PROGRAM : IT

### IDENTIFIED LEARNING MODULES

#### A. Accenture ATA

1. AWS Curriculum (Total Engagement Hours: 100 hours Total Credit Hours: 120 hours)
  - a. Introduction to the AWS Management Console (1h)
  - b. Introduction to Cloud 101 (Labs) (8h)
  - c. Cloud Support Associate (40h)
  - d. Application Developer (50h)

#### B. Required Learning Modules

1. Design Thinking Learning Module (Total Engagement Hours: 15 hours Total Credit Hours: 45 hours)
  - a. Learning Design Thinking: Lead Change in Your Organization by Turi McKinley (2h 8m)
  - b. Develop Your Creative Thinking and Innovation Skills Learning Path 8 courses (8h)
  - c. Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills 6 courses (5h)
2. Project Management Learning Module (Total Engagement Hours: 15 hours Total Credit Hours: 45 hours)
  - a. Project Management Foundations by Bonnie Biafore (3h 20m)
  - b. Become an Agile Project Manager Learning Path 9 courses (12h)
3. Workplace Management Learning Module (Total Engagement Hours: 15 hours Total Credit Hours: 45 hours)
  - a. Develop Your Communication Skills and Interpersonal Influence 9 courses (8h)
  - b. 5S Workplace Productivity by Gemba Academy (1h 36m)
  - c. Time Management Fundamentals by Dave Crenshaw (2h 53m)
  - d. Time Management: Working from Home by Dave Crenshaw (1h 25m)
  - e. Business Etiquette: Phone, Email, and Text by Suzanna Kaye (58m)

**C. Specialization Learning Modules**

1. Full-Stack Web Development (*Total Engagement Hours: 59 hours Total Credit Hours: 177 hours*)
  - a. Become a Full-Stack Web Developer (29h)
  - b. Become a React Developer (22h)
  - c. Learning Git and GitHub (1h 52m)
  - d. Become a RESTful API Developer (6h 17m)
2. Cloud Computing (*Total Engagement Hours: 10 hours Total Credit Hours: 30 hours*)
  - a. Understanding Cloud Fundamentals (10h)
3. Machine Learning (*Total Engagement Hours: 10 hours Total Credit Hours: 30 hours*)
  - a. Become a Machine Learning Engineer (10h)

**PREPARED BY:**

  
JOHN LLORED N. JUANILLO 04/11/2022  
Signature over Printed Name / Date

**APPROVED BY:**

  
KHRISLIAN G. KIKUCHI 04/11/2022  
Signature over Printed Name / Date

- **7.0 Complete Weekly Journal**

**DAILY JOURNAL****IMPORTANT INFORMATION**

- INCLUDE TASK ASSIGNMENTS OR MOVEMENTS, REFLECTION ON THE DAY'S NEW LEARNING, ACCOMPLISHMENT, CHALLENGES FACED AND HOW YOU RESPONDED, OBSERVATIONS AND RECOMMENDATIONS ON THE IMPROVEMENT OF SYSTEMS / OPERATION / MANAGEMENT, ETC.
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DATE	March 21-26, 2022 (Week 1)	AREA ASSIGNMENT	Accenture ATA
TASK	Preparing Competency Based Resume	SHIFT/TIME	

For the first week, I decided to prepare my resume to align it with competency based in mind. A few modifications have been made to update contact information, technical skills summary, academic achievements, and projects lead. This is because we have already been tasked to create a resume back in senior high.

I also finalized my thoughts on what to take in this practicum course. I have decided to take the Accenture ATA program as its experience and certifications would prove to become useful in shaping my career portfolio.



TRAINEE'S SIGNATURE

## DAILY JOURNAL

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DATE	March 28 - April 2, 2022 (Week 2)	AREA ASSIGNMENT	Accenture ATA
TASK	ATA Orientation	SHIFT/TIME	

In this week we are scheduled to attend the Accenture ATA Orientation on March 31, 2022. In the orientation, they discussed the AWS Curriculum which includes (1) Introduction to the AWS Management Console (1 hour), (2) Introduction to Cloud 101 (Labs) (8 hours), (3) Cloud Support Associate (30-40 hours), and (4) Application Developer (40-50 hours). They also introduced to us our main platform for the ATA program, AWS Educate platform. They gave instructions on how to setup our account and gave us a tour on the learning dashboard and courses to enroll.

We are to expect an email regarding our access to the AWS Educate platform after the orientation.



TRAINEE'S SIGNATURE

## DAILY JOURNAL

### IMPORTANT INFORMATION

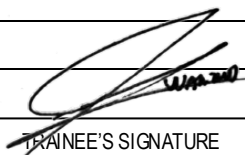
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DATE	April 4-9, 2022 (Week 3)	AREA ASSIGNMENT	Accenture ATA
TASK	Registration for LinkedIn Learning	SHIFT/TIME	

Since we have not yet received an email access for the AWS Educate platform, we were instructed to proceed with the LinkedIn Learning Certifications.

Monday - Wednesday: I have registered and enrolled for the LinkedIn Learning offered by MCL.

Friday: I have received an email regarding the access to LinkedIn Learning. I signed in and activated my access to LinkedIn Learning.

  
TRAINEE'S SIGNATURE

## DAILY JOURNAL

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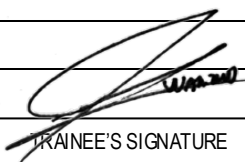
DATE	April 11-15, 2022 (Week 4)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

Since the confirmation email from Accenture ATA has not been received, I have shifted my focus in accomplishing my proposed LinkedIn Learning certifications for the whole week.

Monday (6h 4m): Completed "Learning Design Thinking: Lead Change in Your Organization by Turi McKinley" (2h 8m) and the first 4 courses in "Develop Your Creative Thinking and Innovation Skills" (3h 56m)

Tuesday (6h 51m): Completed the remaining courses in "Develop Your Creative Thinking and Innovation Skills" (4h 25m) and the first 4 courses in "Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills" (2h 26m)

Wednesday (7h 36m): Completed the remaining courses in "Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills" (2h 23m), "Project Management Foundations by Bonnie Biafore" (3h 20m), and the first course from "Become an Agile Project Manager" (1h 53m)

  
TRAINEE'S SIGNATURE



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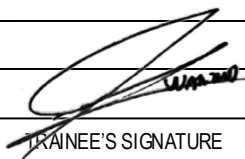
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DATE	April 11-15, 2022 (Week 4)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

Thursday (16h 18m): Completed the remaining courses in "Become an Agile Project Manager" (8h 37m) and all courses in "Develop Your Communication Skills and Interpersonal Influence" (7h 41m)

Friday (5h 46m): Completed the following courses:  
 5S Workplace Productivity by Gemba Academy (1h 36m)  
 Time Management Fundamentals by Dave Crenshaw (1h 47m)  
 Time Management: Working from Home by Dave Crenshaw (1h 25m)  
 Business Etiquette: Phone, Email, and Text by Suzanna Kaye (58m)

All in all, the total hours accumulated throughout the week is 42 hours and 35 minutes.

  
TRAINEE'S SIGNATURE

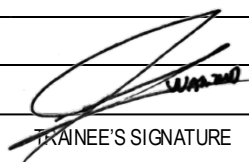
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DATE	April 11-15, 2022 (Week 4)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

This week has been jam-packed with learning about the mindsets to take into consideration when engaging in a project with other team members. First is Design Thinking and how it is a mindset that tackles problem solving with regards to human centered characteristics. Next is developing Creative Thinking where being creative is not much about being good at art, but rather generating ideas that are not normally considered and could be useful in brainstorming solutions to problems. With Creative Thinking in mind, its application is called Innovation which tackles the action necessary for creative ideas to put into practice. I also learned about Project Management Foundations which can be summed up to asking crucial questions such as "What problem are you solving?", "How are you going to solve this problem?", "What's your plan?", "How will you know when you're done?", and "How well did the project go?". There are also two approaches to project management: The traditional approach (Waterfall) in which every goal is clear and linear in nature. The agile approach is appropriate when you don't know what the solution to a problem is and would require an iterative process to reach a conclusion and often involves the customer more than the traditional approach.

  
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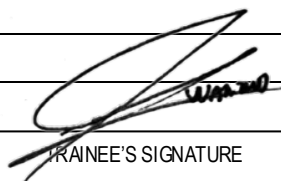
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DATE	April 11-15, 2022 (Week 4)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

To continue learning about Agile Project Management, there are tools such as Microsoft Project, Agile Charts and boards, Atlassian Jira, Trello Cards, Azure DevOps, GitLab and others that help manage and monitor a certain project. These are helpful in learning how Agile can be applied in a modern software development cycle. To me this was quite overwhelming given the number of tools dedicated for Agile are in the market and each organization may utilize one or another. The last few topics I learned throughout the week is about Workplace Management which deals with developing the necessary communication skills that are essential in both cooperating in a team and leading a team project. This is done with developing interpersonal or internal communication, developing trust with your team, building relationships with clients and business partners, non-verbal communication, and being approachable and tact. The 5S of workplace productivity is also learned where it is derived from 5 Japanese words: Seiri=Sort, Seiton=Straighten, Seisou=Sweep or Shine, Seiketsu=Standardize, and Shitsuke=Self-Discipline. These are essential in having an environment where it is clean, no waste, and high productivity which engages the employees more through these steps.

  
TRAINEE'S SIGNATURE



**LinkedIn** LEARNING

**Certificate of Completion**  
Congratulations, John Lloyd Juanillo

## **Learning Design Thinking: Lead Change in Your Organization**

Course completed on Apr 11, 2022 at 08:39AM UTC • 2 hours 8 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, appearing to read 'Dan Bolintz'.

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AetrkRuP4tya0V-VDo9MBcN-QAji



Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Develop Your Creative Thinking and Innovation Skills

Learning Path completed on Apr 12, 2022 at 04:27AM UTC • 8 hours 25 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Organizational Leadership, Creativity Skills, Innovation Management,  
Collaborative Innovation

A handwritten signature in black ink, appearing to read "Dan Bradley".

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AYow0TAXYgVpvK3xY3bDCq9S2kGB



Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Develop Critical-Thinking, Decision-Making, and Problem-Solving Skills

Learning Path completed on Apr 13, 2022 at 03:25AM UTC • 4 hours 52 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Problem Solving, Critical Thinking, Decision-Making

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: Ab4SSlrM\_SopzYr6dEq8ku6a-GAJ



LinkedIn LEARNING

Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Project Management Foundations

Course completed on Apr 13, 2022 at 07:50AM UTC • 3 hours 20 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, reading "Dan Bodnar".

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: Abzsx9EPVndGRuEKMDXfTo30gtVA



Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Become an Agile Project Manager

Learning Path completed on Apr 14, 2022 at 07:09AM UTC • 10 hours 34 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Project Management, Microsoft Project, Agile Project Management

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AcugH8tWHwse1Zf4fYJjdNJ1rFBR





Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Develop Your Communication Skills and Interpersonal Influence

Learning Path completed on Apr 14, 2022 at 12:05PM UTC • 7 hours 41 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Communication, Interpersonal Skills, Interpersonal Communication

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Certificate Id: AQ2MM1Xykr3IJukrqEXoiDyF-H-M



LinkedIn LEARNING

## Certificate of Completion

Congratulations, John Lloyd Juanillo

### 5S Workplace Productivity

Course completed on Apr 15, 2022 at 12:44AM UTC • 1 hour 36 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, reading "Dan Bodnar".

Head of Content Strategy, Learning

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1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AdhPGD3P-oaZJrUM5IK4unWKaE3O



**LinkedIn** LEARNING

## Certificate of Completion

Congratulations, John Lloyd Juanillo

### Time Management Fundamentals

Course completed on Apr 15, 2022 at 01:49AM UTC • 1 hour 47 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, reading "Dan Bodnar".

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AfONXREEBdk-EjCFnLiQMhPrPrOL



LinkedIn LEARNING

## Certificate of Completion

Congratulations, John Lloyd Juanillo

### Time Management: Working from Home

Course completed on Apr 15, 2022 at 02:35AM UTC • 1 hour 25 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, reading "Dan Bodnar".

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AT-mkEAT7K5HcN1IojO-ECZ3oBvr



**LinkedIn** LEARNING

## Certificate of Completion

Congratulations, John Lloyd Juanillo

### **Business Etiquette: Phone, Email, and Text**

Course completed on Apr 15, 2022 at 03:23AM UTC • 58 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink that reads "Dan Bodnar".

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AfXFSHdB4iQ8ut5w0fG2eY7LC7gX

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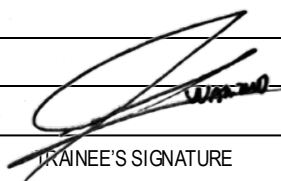
DATE	April 17-23, 2022 (Week 5)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

This week prioritizes on the specialization learning modules described in my proposed learning path for LinkedIn Learning which is the Full-Stack Web Development.

Sunday (7h 14m): Completed two courses in "Become a Full-Stack Web Developer": "HTML Essential Training by Jen Simmons" (2h 45m) and "CSS Essential Training by Christina Truong" (4h 29m)

Monday (0h): In progress of current course "JavaScript Essential Training by Morten Rand-Hendriksen"

Tuesday (7h 39m): Completed the next three courses in "Become a Full-Stack Web Developer": "JavaScript Essential Training by Morten Rand-Hendriksen" (5h 29m), "Search Techniques for Web Developers by Morten Rand-Hendriksen" (55m), and "Learning ECMAScript 6+ (ES6+) by Eve Porcello" (1h 15m)

  
TRAINEE'S SIGNATURE

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TASK	Linkedin Learning Certifications	SHIFT/TIME	

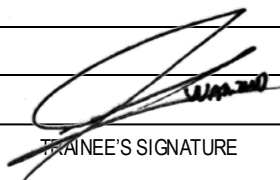
Wednesday (0h): In progress of current course "Git Essential Training: The Basics by Kevin Skoglund"

Thursday (4h 44m): Completed the next two courses in "Become a Full-Stack Web Developer": "Git Essential Training: The Basics by Kevin Skoglund" (2h 55m) and "React.js Essential Training by Eve Porcello" (1h 49m)

Friday (6h 44m): Completed the next four courses in "Become a Full-Stack Web Developer": "Node.js Essential Training by Alex Banks" (1h 53m), "SQL Essential Training by Bill Weinman" (3h), "NoSQL Essential Training by Melanie McGee" (43m), and "Learning REST APIs by Morten Rand-Hendriksen" (1h 8m)

Saturday (2h 47m): Completed the last course in "Become a Full-Stack Web Developer" which is "DevOps Foundations by Ernest Mueller and James Wickett" (2h 47m)

All in all, the total hours accumulated throughout the week is 29 hours and 8 minutes.

  
TRAINEE'S SIGNATURE

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DATE	April 17-23, 2022 (Week 5)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

For this week's learnings, I started a refresher on the basics of HTML, CSS, and JavaScript. One crucial thing I learned while refreshing on these languages is designing websites for accessibility, in other words, making websites more user-friendly for people who have difficulty accessing web pages. These include adding alt tags to images for screen readers, adding skip to content, optimizing delivery of images for data constraint users. After that, I have learned ECMAScript 6+ which is essentially JavaScript but with modern coding syntax and practices used by majority of the JavaScript Libraries such as Angular, React, Vue, etc. I also had a preview to coding in React to act as a stepping stone to the next learning path. A major topic that I have not tackled before is learning Git. It is essentially a version control for programs that promotes documenting small changes to a program over time to encourage collaboration especially when programs are getting open-source. Throughout the example hands-on for other topics, I made sure to practice Git to get used to this new concept of version controlling. Other things that I have learned is a refresher to SQL, introduction to NoSQL through MongoDB, refreshing on REST APIs, and DevOps Foundations.

  
TRAINEE'S SIGNATURE



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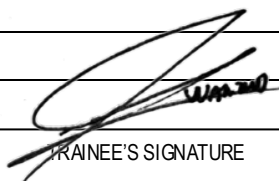
DATE	April 25-30, 2022 (Week 6)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

For this week, I accomplished the other specialization learning modules under Full-Stack Web Development. Those are Become a React Developer learning path, Learning Git and GitHub, and Become a RESTful API Developer learning path.

Monday (3h 29m): Completed "React.js Essential Training (2020) by Eve Porcello" (1h 49m) and "React.js: Building an Interface by Ray Villalobos" (1h 40m)

Tuesday (0h): In progress of current course "React: Creating and Hosting a Full-Stack Site by Shaun Wassell"

Wednesday (7h 33m): Completed "React: Creating and Hosting a Full-Stack Site by Shaun Wassell" (2h 39m), "React Hooks by Eve Porcello" (1h 13m), and "Building Modern Projects with React by Shaun Wassell" (3h 41m)

  
TRAINEE'S SIGNATURE

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DATE	April 25-30, 2022 (Week 6)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

Thursday (11h 10m): Completed "React: Design Patterns by Shaun Wassell" (3h 19m), "React: Software Architecture by Shaun Wassell" (2h 39m), and "React: Authentication by Shaun Wassell" (5h 12m)

Friday (1h 52m): Completed "Learning Git and GitHub by Ray Villalobos" (1h 52m)

Saturday (6h 15m): Completed Learning Path "Become a RESTful API Developer". Courses includes:

"Learning REST APIs by Morten Rand-Hendriksen" (1h 8m)

"HTTP Essential Training by Morten Rand-Hendriksen" (50m)

"Designing RESTful APIs by Keith Casey" (1h 20m)

"API Testing and Validation by Keith Casey" (1h 13m)

"Web Security: OAuth and OpenID Connect by Keith Casey" (1h 44m)

All in all, the total hours accumulated throughout the week is 30 hours and 19 minutes.

  
TRAINEE'S SIGNATURE

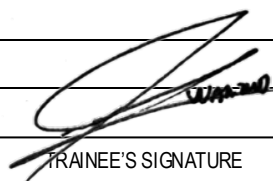
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DATE	April 25-30, 2022 (Week 6)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

In this week's learnings, I finished the learning path in becoming a React Developer. I chose to learn React as it is used by a lot of large companies to smaller developers for its speed and ease in creating a website from scratch. I have learned the basics on how to set up a React based website along with other npm modules that allow a website to be fitted to your needs such as implementing CSS frameworks such as TailwindCSS, Adding routes to your webpage using React Routes, and creating a Node.js backend to handle processing and storing of data to name a few. In one course, I was also previewed to uploading a React webpage to both GitHub and running an instance in Amazon Web Services. This is where my skills in Git comes into play as uploading to GitHub was easy and straightforward. I also learned other skills necessary for React such as Hooks, design patterns and best practices, and authentication. There were some parts of these courses that have outdated code but that is to be expected as React is getting updated regularly. A quick search and research on their documentation got me up to speed on what is the latest best practices.

  
TRAINEE'S SIGNATURE

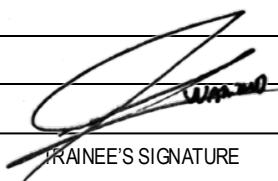
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DATE	April 25-30, 2022 (Week 6)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

The next course I learned is understanding Git and GitHub. Since I already had a crash course on Git, the course was easily understood. It contains installing, initializing, and using Git on new or existing projects. These include adding changes to a staging process which eventually gets committed to a branch (typically the main branch), seeing the changes made to each commit, adding new branches to create forks or variations of the program, and merging conflicting branches when working with a team. What I like about Git is its practicing of nano changes where every small change you make to the program has to be committed so it would be easier to backtrack to a previous version. Another is the data integrity of every change since every commit has a SHA-1 hash which is based on a previous commit. This ensures nothing has been altered with the code in between commits which is very critical in open source software. Another learning path I completed is becoming a RESTful API Developer which includes basic REST calls such as POST, GET, PUT, DELETE, a refresher to HTTP, testing and validating REST APIs using Postman, and using OAuth and OpenID keys for authentication and security.

  
TRAINEE'S SIGNATURE

## DAILY JOURNAL

### IMPORTANT INFORMATION

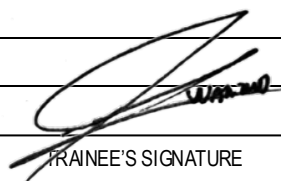
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DATE	May 3-6, 2022 (Week 7)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

This is the final week for all specialization learning modules which includes Cloud Computing module and Machine Learning module.

Tuesday (3h 37m): Completed first three courses of "Understanding Cloud Fundamentals" Learning Path: "Learning Cloud Computing: Core Concepts by David Linthicum" (1h 32m), "Learning Cloud Computing: Public Cloud Platforms by David Linthicum" (1h 12m), and "Learning Cloud Computing: Cloud Security by David Linthicum" (53m)

Wednesday (7h 5m): Completed the remaining courses: "Learning Cloud Computing: Cloud Storage by David Linthicum" (1h 22m), "Learning Cloud Computing: Networking by David Linthicum" (1h 8m), "Azure: Understanding the Big Picture by Walt Ritscher" (3h 16m), and "Introduction to AWS for Non-Engineers: 3 Core Services by Hiroko Nishimura" (1h 19m)

  
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## DAILY JOURNAL

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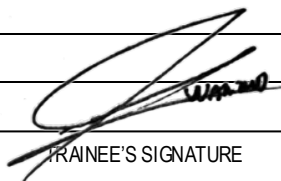
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DATE	May 3-6, 2022 (Week 7)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

Thursday (6h 20m): Completed the following courses in the "Become a Machine Learning Engineer" Learning Path: "Artificial Intelligence Foundations: Thinking Machines by Doug Rose" (1h 27m), "Artificial Intelligence Foundations: Machine Learning by Doug Rose" (1h 17m), "Machine Learning with Python: Foundations by Frederick Nwanganga" (1h 43m), "Deep Learning: Getting Started by Kumaran Ponnambalam" (1h 8m), "Reinforcement Learning Foundations by Khaulat Abdulhakeem" (45m)

Friday (4h 33m): Completed the remaining courses: "Building and Deploying Deep Learning Applications with TensorFlow by Adam Geitgey" (1h 46m) "Training Neural Networks in Python by Eduardo Corpeño" (1h 45m) "Developing Chatbots with Azure by Bhavani Ravi" (1h 2m)

All in all, the total hours accumulated throughout the week is 21 hours and 35 minutes.


  
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**DAILY JOURNAL****IMPORTANT INFORMATION**

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DATE	May 3-6, 2022 (Week 7)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

This is the last week of all the learning modules in LinkedIn Learning before proceeding to the Accenture ATA AWS Curriculum. These last two modules are Cloud Computing and Machine Learning. First is learning the basics of Cloud Computing and what it benefits it provides being a relatively new technology for IT infrastructures. Cloud Computing is basically leveraging computing and storage pools provided by major tech companies such as Amazon, Microsoft, and Google that aims to reduce costs while maximizing compute efficiency. It is essentially a remote server that provides functionalities such as virtual instances, variable storage options, or cloud hosted applications all accessed through the internet. There are three types of cloud deployments: Public, Private, and Hybrid. Public clouds are clouds that anyone can access. Private clouds are privately hosted cloud services for sensitive and private information. Hybrid clouds are what most businesses use as it combines the benefits of both public and private cloud services. Among these deployments, there are three further cloud types: SaaS, IaaS, and PaaS. SaaS or Software as a Service model is basically an application hosted on the cloud in which businesses along with its clients can use regardless of the type of device as long as it has access to the internet.

  
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TRAINEE'S SIGNATURE



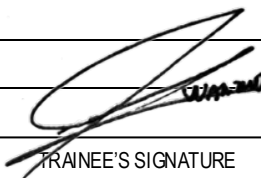
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DATE	May 3-6, 2022 (Week 7)	AREA ASSIGNMENT	Accenture ATA
TASK	Linkedin Learning Certifications	SHIFT/TIME	

IaaS or Infrastructure as a Service is another type of cloud computing where it provides access to compute hardware, software, server, storage, and other infrastructure components to its users. This is the fastest growing cloud type as it can basically do what an on-premise hardware can do over the internet. An example of this is Amazon Web Services. PaaS or Platform as a Service provides access to application development, testing, deployment, and hosting as a service. How it differs from IaaS is that it prevents the developers from mistakes in configuration by having a well-defined environment which reduces the complexity of deploying applications. An example of this is Microsoft Azure. For the last topic, I learned the basics of Machine Learning and how to code basic neural networks from scratch. There are four different ways a machine learns: Supervised which labels data and shows the machine the correct solution, Unsupervised which uses algorithms to create connections to the solution, Semi-supervised which uses a small training set then the machine would label these connections for further learning, and Reinforcement learning where the machine would iterate itself to further improve the outcome. With building neural networks, some code were outdated as AI is constantly updated (TensorFlow).



TRAINEE'S SIGNATURE





Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Become a Full-Stack Web Developer

Learning Path completed on Apr 23, 2022 at 09:58AM UTC • 29 hours 13 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Web Development, Full-Stack Development, Back-End Web Development, Software Development, Front-End Development

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: ARSnp45MwmBGMANOnZQejxUxsLBL



## Certificate of Completion

Congratulations, John Lloyd Juanillo

### Become a React Developer

Learning Path completed on Apr 28, 2022 at 02:30PM UTC • 22 hours 15 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

#### Top skills covered

React.js, JavaScript

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AU1If5nu2XvzsDILqrFllmLXLXhz



**LinkedIn** LEARNING

## Certificate of Completion

Congratulations, John Lloyd Juanillo

### Learning Git and GitHub

Course completed on Apr 29, 2022 at 02:56PM UTC • 1 hour 52 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

A handwritten signature in black ink, appearing to read "Dan Bodnar".

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: Abf4xivYVRFOzwG4bs6tUp7dveb



Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Become a RESTful API Developer

Learning Path completed on Apr 30, 2022 at 12:20PM UTC • 6 hours 17 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Back-End Web Development, Front-End Development, Application Programming

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AaPQDOugQXo6YHncaKoo-550\_jbx



Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Understanding Cloud Fundamentals

Learning Path completed on May 04, 2022 at 01:35PM UTC • 10 hours 44 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Network Administration, Computer Networking, Amazon Web Services (AWS), Cloud Computing

Head of Content Strategy, Learning

LinkedIn Learning  
1000 W Maude Ave  
Sunnyvale, CA 94085

Certificate Id: AUHo0wwsH-PFM4vM9EM77cQSS9c5



Certificate of Completion  
Congratulations, John Lloyd Juanillo

## Become a Machine Learning Engineer

Learning Path completed on May 06, 2022 at 08:09AM UTC • 10 hours 58 min

By continuing to learn, you have expanded your perspective, sharpened your skills, and made yourself even more in demand.

### Top skills covered

Machine Learning

Head of Content Strategy, Learning

LinkedIn Learning  
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Sunnyvale, CA 94085

Certificate Id: AbLJFg4cqQUgrgNKW-MJ6Q7VscQi

## DAILY JOURNAL

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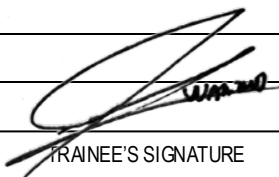
DATE	May 7-14, 2022 (Week 8)	AREA ASSIGNMENT	Accenture ATA
TASK	ATA Curriculum	SHIFT/TIME	

In this week, I have finally received an email regarding the access to Accenture ATA program through AWS Educate platform.

Sunday (May 8) (9h): Completed Introduction to the AWS Management Console (1h) and Introduction to Cloud 101 (Labs) (8h).

Tuesday - Saturday (35h): Completed Cloud Support Engineer (35h)

All in all, the total hours accumulated throughout the week is 44 hours.

  
TRAINEE'S SIGNATURE

**DAILY JOURNAL****IMPORTANT INFORMATION**

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DATE	May 7-14, 2022 (Week 8)	AREA ASSIGNMENT	Accenture ATA
TASK	ATA Curriculum	SHIFT/TIME	

For the first course in the ATA Curriculum, I explored and had a hands-on experience with the AWS Management Console. Within the hands-on, I was able to set up an EC2 instance from navigating to the EC2 management interface to starting, stopping, and terminating an EC2 instance. I also learned how to access different regions of AWS where some services may or may not be available. The next course to follow is an introduction to the cloud. These include the core concept of cloud computing in general and why businesses are migrating to a cloud based solution, the history and benefits of AWS cloud computing, the core services that they offer, and a lab exercises regarding the said core services. What I liked about the lab exercises is that they use the actual AWS interface as if you have an active account in AWS. Every instruction in their lab exercises are clear and easy to understand. It makes it comfortable and gets me used to working in their AWS platform. After the completion of Introduction to Cloud 101 (Labs), a badge is given to me as proof of completion through Credly. As for the last course for the week, it took 5 days to complete as it is packed with modules regarding platforms, networks, software development, and security.



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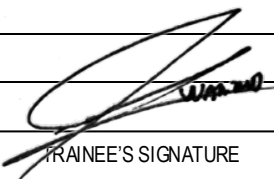


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DATE	May 7-14, 2022 (Week 8)	AREA ASSIGNMENT	Accenture ATA
TASK	ATA Curriculum	SHIFT/TIME	

As for the first module platforms, it discusses about operating systems, specifically Linux, as AWS rely on having knowledge in its CLI. This can be seen when creating an EC2 instance and you are only given access to SSHing to the newly created instance. Other topics covered in this module is virtualization. The next module is all about networks. It talks about the architecture of cloud based computing which consists of components such as the front-end and back-end of the platform. This is where VPC is applied as you should have a basic knowledge of networking such as TCP/IP protocols, port forwarding, and troubleshooting. The next module discusses the various languages used in software development. It first discusses how CLI works and an introduction to AWS CLI, then it lists down relevant languages for AWS such as JavaScript, PHP, PowerShell, and Ruby. The last module talks about security which includes access control, authentication, disaster recovery, encryption, identity management, and risk/compliance. This is where IAM or Identity and Access Management of Amazon Web Services is introduced. It is where you create and manage users, groups, and permissions to AWS resources. After each module a knowledge check is answered regarding the module topic and a final assessment at the end.

  
\_\_\_\_\_  
TRAINEE'S SIGNATURE

This badge was issued to [John Lloyd Juanillo](#) on May 12, 2022

Verify



## AWS Educate Introduction to Cloud 101

Issued by [Amazon Web Services Training and Certification](#)

Earners of this badge have completed the Cloud Computing 101 training and achieved the required scores on the post-course assessment. They have demonstrated the ability to create simple cloud applications in a virtual lab environment. They have shown a fundamental understanding of AWS cloud core services and understand the technical roles required for cloud success.

**Type:** Learning

[Additional Details](#)

## DAILY JOURNAL

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DATE	May 16-20, 2022 (Week 9)	AREA ASSIGNMENT	Accenture ATA
TASK	ATA Curriculum	SHIFT/TIME	

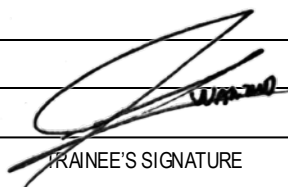
For this week, I have finished the final course for the Accenture ATA AWS Curriculum.

Monday - Friday (40h): Completed Application Developer (40h)

All in all, the total hours accumulated throughout the week is 40 hours.

For this course, it has 5 modules that discusses architecture and DevOps, programming and scripting, web, mobile and gaming, structures, relational and non-relational database, and platforms.

The first module discusses the concept of DevOps and how it is a combination of cultural philosophies, practices, and tools that help improve speed and efficiency of an organization to develop applications. It differentiates Continuous Integration with Continuous Delivery. Continuous Integration is a DevOps practice that pertains to regular merging of code changes in a single repository. Continuous Delivery builds on Integration and code changes are prepared for release in production. It also discusses about the Blue/Green DevOps Deployment.

  
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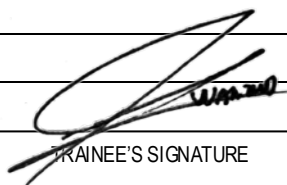
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DATE	May 16-20, 2022 (Week 9)	AREA ASSIGNMENT	Accenture ATA
TASK	ATA Curriculum	SHIFT/TIME	

The next module discusses the programming and scripting languages used in software development. These include Visual Basic .NET, C, C#, C++, Java, Python, the Command Line Interface (CLI), JavaScript, PHP, Powershell, and Ruby. It mainly discusses a brief history of the language or script and its use cases. For the next module, it links several text and video resources regarding web development, mobile development, and mobile startup and gaming. In Data and Databases module, it discusses the importance of data structure in software development and why it is one of the most asked questions in developer job interviews. This module also discusses the difference of Relational databases and Non-relational databases which is the overall structure of relational databases are set per table while non-relational databases are more flexible in its structure at the cost of added complexity in data manipulation. The last module discusses platforms which include a basic definition of operating systems and how it is utilized in Amazon EC2, and virtualization concepts and how it is essential in cloud computing.

  
TRAINEE'S SIGNATURE

Foundational | 0.5 hour(s)

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Cloud Computing

Foundational | 0.5 hour(s)

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Cloud Computing

Foundational | 0.5 hour(s)

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Development

Completed




Introduction to the AWS Management Console

100%

Foundational | 1 hour(s)

---

Cloud Computing




Introduction to Cloud 101 (Labs)

100%

Foundational | 8 hour(s)

---

Cloud Computing



Application Developer

100%

Advanced | 45 hour(s)

---

Development

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View **additional resources** to help navigate your AWS Cloud learning journey. →

Foundational | 0.5 hour(s)

Cloud Computing

Foundational | 0.5 hour(s)

Cloud Computing

Foundational | 0.5 hour(s)

Development

## Completed



### Cloud Support Engineer

100%

Advanced | 35 hour(s)

Cloud Computing

2/2



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