



ALIZZA F. BARAL

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EDUCATION

Tertiary Education:

Emilio Aguinaldo College – Cavite

Dasmariñas City, Cavite

Bachelor of Science in Computer Science

August 2019 – July 2023

Thesis topic: “WebHAT: Real-Time Progressive Web Application Management Tool for IL Giardino Residences Homeowners Association”

- Created web functions using JavaScript
- Designed website interface using Materialize CSS
- Facilitated error handling in web development
- Led the team in their assigned roles in the project such as database management and web development.

Secondary Education – Senior High School:

Emilio Aguinaldo College – Cavite

Dasmariñas City, Cavite

Science, Technology, Engineering, and Mathematics (STEM) Strand

June 2017 – April 2019

WORK EXPERIENCE

Integrated Micro- Electronics, Inc. - Biñan, Laguna

July 2022 – August 2022

On-the-Job Training

- SMT Yield Monitoring using Excel Pivot table and charts
- Excel Dashboards for Reject Analysis
- Automated Optical Inspection (AOI) of Printed Circuit Boards (PCB)

TRAININGS & CERTIFICATIONS

• Amazon Web Services (AWS) Certified Cloud Practitioner (CLF-C02)- December 2023

- Experience with Amazon EC2 instance setup and configuration, including security groups, load balancing, and auto-scaling
- Amazon S3 storage bucket creation, object lifecycle management, and versioning
- Experience with AWS Lambda and Amazon API Gateway in developing serverless infrastructures
- Knowledge of how to set up and manage RDS instances, including database creation, backup, and recovery
- Understanding of NoSQL database services, such as table creation, indexing, and querying
- Managing AWS Identity and Access Management, including user and group management, policy generation, and access key management

- Implementing minimizing expenses methods for cloud services, such as reserved instances and effective resource allocation
- Scrutinizing issues needed to be addressed and solved using AWS services
- **Amazon Web Services (AWS) re/Start Scholar- September 2023- December 2023**
 - Cloud computing fundamentals
 - AWS services, including Amazon Elastic Compute Cloud (Amazon EC2), Amazon Simple Storage Service (Amazon S3), and Amazon Relational Database Service (Amazon RDS)
 - Linux operating system fundamentals
 - Python programming language
 - Networking and security
 - Database administration
 - Automation
- **SAP ABAP Development Basics – Four Ace Applications - September 2023**
 - Installed SAP Free Version in Virtual Machine
 - Learned the basics of ABAP Development (Creation of Data Elements, Domain, Transparent Table)
 - Create Basic ABAP Report (Simulation of Flight Booking Tool for Airline and Customer)
 - Create Basic SMARTFORM – Flight Itinerary
- **Accenture North America Data Analytics and Visualization Job Simulation on Forage - October 2023**
 - Completed a simulation focused on advising a hypothetical social media client as a Data Analyst at Accenture
 - Cleaned, modelled, and analyzed 7 datasets to uncover insights into content trends to inform strategic decisions
 - Prepared a PowerPoint deck and video presentation to communicate key insights for the client and internal stakeholders.
- **AWS APAC Solutions Architecture virtual experience program on Forage - October 2023**
 - Designed and simple and scalable hosting architecture based on Elastic Beanstalk for a client experiencing significant growth and slow response times.
 - Described my proposed architecture in plain language ensuring my client understood how it works and how costs will be calculated for it.

SKILLS

- Knowledgeable in AWS Services Management
- Knowledgeable in Java, Python, HTML/CSS
- Knowledgeable in Excel and Power BI
- Knowledgeable in Google Firebase and SQL Databases
- Knowledgeable in UX Design
- Knowledgeable in Basic ABAP Reports
- Good writing and communication skills
- Fast learner and adapts quickly
- Enthusiastic to improve existing skills

ACCOMPLISHMENT

- Consistent Academic Scholar SY 2019-2022

VOLUNTARY EXPERIENCE

- Appointed as a *President* of *Computer Science Society – EAC-C – Student Chapter*

- Oversee the organization's external and internal activities
- Led the organization's events that caters the Computer Science students
- Communicated students' concerns and raised to appropriate authorities
- Assists other members in executing ideas for organization's events
- Appointed as ***Computer Science Representative in School of Engineering and Technology Student Council***
 - Assisted the Council President in the organization's internal and external matters
 - Informed the students under the council about the organization's plans, events, and activities
 - Provided ideas to improve ways of working inside and outside the organization
- Participated in ***Emilio Aguinaldo College-Cavite 3rd International Multidisciplinary Research Conference***
 - Won ***2nd place in Best Thesis Poster*** award