Sadeck Yarou N'gobi

Computer Engineer

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Experience

Freelancer / Cloud + Backend developer (NodeJS)
JANUARY 2015 - PRESENT

- ➔ Automated AWS resource creation (S3, Cloudfront, Dynamodb, Cognito, AppSync, ElasticSearch, Lambdas, …) using cloud formation and serverless framework (with YAML)
- ➔ Created and maintaining graphql server based on AppSync
  - ◆ Created and updated graphql schema using amplify-cli
  - ◆ Implemented streaming of near real time data
  - ◆ Use DynamoDB events + SQS + Lambda to create an event sourcing like architecture
- ➔ Implemented a RESTful server using AWS API gateway
- ➔ Added Schema validation and versioning using JSON Schema v4
- ➔ Served static content via Cloudfront and S3
- ➔ Learned and implemented DynamoDB single-table database
- ➔ Used AWS Cognito for Group and user authorisations
- ➔ Created CI / CD workflow using the serverless framework
- ➔ Managed versioning of application source code with git and github

Freelancer / Mobile developer (React-native + Typescript)
JANUARY 2016 - PRESENT

- ➔ Created a Social Media app (now sunsetted)
  - ◆ Added chat feature using AppSync event subscriptions
  - ◆ Created a facebook-like posts feature (PubSub) using SQS + Lambda
  - ◆ Connected backend with mobile app using Amplify
  - ◆ Handled Multi-language with I18n
  - ◆ Implemented Push Notifications with RNFirebase
  - ◆ Added deep linking using Branch.io
  - ◆ Tracked error using Sentry.io
  - ◆ Implemented OTA updates using RNCodePush
  - ◆ Handled analytics and customer engagement using AWS Pinpoint
- ➔ Created an ecommerce mobile app (now sunsetted)
- ➔ Created an online restaurant app

Freelancer / Web developer (ReactJS + Typescript)
JANUARY 2016 - PRESENT

- ➔ Created dashboard for online restaurant app
  - ◆ Used Uber BaseUI component library

- ◆ Used redux for state management
- ◆ Created components using new ReactJS hooks
- ➔ Completed shopify's newsletter (challenge)
- ➔ Built a single page app with reactjs, redux, redux-form, immutableJS, react-router, create-react-app, dvajs, antd, nodejs, mongodb
- ➔ Managed applications hosted on Google Cloud Platform and using Auth0 services, Firebase

MD Financial / Automation Engineer (COOP + Part time)
JANUARY 2019 - MAY 2021

- ➔ Created functional testing scripts for MD Financial's banking application called AdvisorMD (created with angularjs)
- ➔ Written scripts with Visual Studio and .NET or C# project
- ➔ Created and executed test scripts with TestStudio
- ➔ Added new scripts using the MS Framework (selenium)
- ➔ Executed scripts with Azure Pipeline
- ➔ Worked in a SCRUM environment using ADO (former VSTS)

University of Ottawa / Software Tester (COOP + Part time)
SEPTEMBER 2016 - DECEMBER 2018

- ➔ Collected needs of IT Managers (uOttawa) regarding the automation testing of their applications
- ➔ Presented my internship project (Automation Application Testing) during uOttawa's IT Fair
- ➔ Participated in creating the final recommendation report presented during ARBs (for selecting uOttawa's most suitable testing application)
- ➔ Built a web application with Selenium, NightwatchJS, nodejs, bootstrap,... to automate uOttawa's web applications

Skills

Written Communication

- ➔ Prepared agenda for team meetings
- ➔ Took notes during team meetings
- ➔ Written reports after interviews with project leaders
- ➔ Wrote software requirements

Verbal Communication

- ➔ Prepared agenda for team meetings
- ➔ Directed team meetings
- ➔ Engaged in bilingual debate regarding frameworks for user acceptance automation testing

Education

University of Ottawa / Bachelor of Applied Science Computer Engineering (Engineering Management Option) (Co-op)
SEPTEMBER 2016 - MAY 2021, Ottawa, Ontario

University of Moncton / Bachelor of Computer Science
SEPTEMBER 2015 - MAY 2016, Moncton, New Brunswick

ESMT Dakar / College degree in Teleinformatics
SEPTEMBER 2013 - SEPTEMBER 2015, Cotonou, Benin

Languages

English

Speaking Level: Fluent
Writing Level: Fluent
Comprehension Level: Fluent

French

Speaking Level: Fluent
Writing Level: Fluent
Comprehension Level: Fluent