

Single Page App

Versions:

- 1
 - Initial
- 2
 - Added more info to section **4.5**
 - Ignore **4.3**
 - Mentioned icons in **4.4**
 - Added contact details in **4.6**
- 3
 - Added categories to section **4.5**
- 4
 - Added more lines at **3** - Security & Compliance (modified title text)
 - Added one more line at **3** - Process automation
 - Added Docker to Compute category at section **4.5**
 - Changed the icon for:
 - RDS
 - S3 (it's a SVG now)
 - Added the rest of the missing icons
 - Added text for each icon at section **4.5**

1. About myself

- AWS DevOps Engineer
- Over 8 years of experience with AWS
- Started as Backend Software Developer

2. Tech keywords

- AWS (Amazon Web Services)
 - EC2
 - ECS
 - Fargate
 - Lambda
 - ApiGateway
 - SNS
 - SQS
 - RDS
 - IAM
 - VPC
 - S3
 - Cloudfront
 - CodePipelines
 - Cloudformation

- AWS CDK, Terraform, Serverless.js
- Linux (Alpine, Ubuntu)
- Docker
- Gitlab, Github, Bitbucket, Jenkins
- Javascript (Nodejs) & Typescript

3. Why work with me ?

- Process automation
 - DB backups, snapshots and migrations between accounts
 - Cloudwatch alarms, eventbridge events for complex responses to situations
 - Maintaning optimal operations when it comes to CI/CD pipelines
- Performance optimization
 - Fine tune the infrastructure
 - Provide feedback for code optimizations (nodejs & typescript server apps)
 - Auto scaling policies, horizontal and vertical
 - Containers optimization
- Cost optimization
 - Review costs through AWS cost explorer
 - Reduce log retention where possible
 - Reduce AWS data transfers where possible
 - Automate the process of turning on/off non-production resources
- Security & Compliance
 - Least privileged principle
 - AWS Config and Security Hub
 - Container image scanning
 - OS Patch management

4. Page structure

- The colors of the page will be mostly black and [any shade of] blue (purple and/or indigo works well for me)
 - Font color mainly white and light gray
- As for the font for titles/subtitles I usually go to [DaFont](#)
 - As a suggestion maybe something from the [SciFi category](#)

4.1 Header

- The header will be simple, maybe adding a linkedin icon with my profile
 - It will have an image that I'll provide to you at some point that will serve as a background

4.2 Title

- As a suggestion I'm thinking to put my profile pic (circular) with the text "AWS Cloud Engineer" next to it, this will serve as a title
- Would be great if we could integrate a quote after this "title" section
 - *"Coming together is a beginning; keeping together is progress; working together is success"* - Edward Everett Hale

4.3 ~~Headline~~

- ~~I don't have any imagination on how we could integrate what I wrote at 1~~

4.4 Why work with me

- There are 4 things I mentioned at 3
 - We can integrate this into boxes, not sure about how the grid could look like
 - For each subsection of 3 i've written some words that should be the content of the box (alongside the "title")
 - I'll provide you with icons for each box (or you can be free and find something cool yourself)
- The icons are in the icons folder of the shared archive
 - We should provide info about these icons in the html itself as a comment in the `<html>` element at the top; see `attribution.txt` file

4.5 The trickiest section

- This basically refers to what I've written at 2
 - Most of what I've written there have PNGs that we can use (all are free to use)
 - I want some suggestions from you on how we can present these (it is not necessary to add them ALL ⚠)
- My suggestion would be to add them in boxes that categorize them
 - So for example, the category "Compute" will contain these icons (with an added text/label): EC2, ECS, Lambda, ApiGateway. Use placeholders for the other categories, there will be 5 or 6.
 - This boxes will work like dropdown menus, only the title will be interactable to show the contents (the icons+text)
 - For this I think we need to arrange the boxes in a single line (each box can be expanded individually)
- **CATEGORIES**
 - Compute: EC2, ECS, Lambda, Docker, Alpine Linux, Ubuntu
 - Tools: AWS CDK, Terraform, Serverless.js, Nodejs, Typescript
 - CDN & Storage: S3, Cloudfront, EBS, EFS
 - Security & Compliance: Config, Security Hub, SSM, WAF, VPC
 - Databases: RDS, DynamoDB, ElastiCache
 - Observability: Cloudwatch, Grafana, SNS
- **CATEGORIES TEXT**
 - EC2: Deployment & Management
 - ECS: Cluster building & Management
 - Lambda: Automation & serverless apps
 - Docker: Container runtime
 - Alpine Linux: For containers
 - Ubuntu: OS Instances
 - Everything under **Tools** doesn't need subtitles

- S3: Configuring & Optimizing (+ Athena)
- Cloudfront: Deploying, Lambda@Edge, WAF, Caching
- EBS: Storage for instances and containers
- EFS: Over the network file system
- Config: Maintain and monitor resources for compliance
- Security Hub: Abide to security best practices
- SSM: Maintain instances and provide automation
- WAF: Firewall against common threat vectors
- VPC: ACLs and Security groups management
- RDS: Deploy, maintain, auto scale, monitor databases
- DynamoDB: Tables for simple/low requirements
- ElastiCache: Redis clusters for caching data
- Cloudwatch: Alarms, Metrics, Dashboards, logging
- Grafana: Deploy; configure nodes for monitoring
- SNS: Notify when alarms are triggered

4.6 Contact me

- No forms, just contact details which will be the following
 - Email address: contact@razvanbotea.me
 - Link to LinkedIn profile: <https://www.linkedin.com/in/razvanbotea/>