**EVIDENCECARE**

**EVIDENCECARE**

**Departemen Pengelolaan Sistem Informasi**

**[Tahun Penerbitan]**

Table of contents

[Important Information 6](#_Toc184840756)

[1 Create New Folder 7](#_Toc184840757)

[1.1 Folder for Back End 7](#_Toc184840758)

[1.2 Folder for Front End 7](#_Toc184840759)

[2 Setup Dependencies General 8](#_Toc184840760)

[2.1 Install Chocolatey 8](#_Toc184840761)

[2.2 Install NodeJS 9](#_Toc184840762)

[2.3 Install Sanity Global 11](#_Toc184840763)

[2.4 Install React 11](#_Toc184840764)

[2.5 Install TailwindCSS 12](#_Toc184840765)

[3 Setup Dependencies BackEnd 13](#_Toc184840766)

[3.1 Register Sanity Account 13](#_Toc184840767)

[3.2 Create Project on Sanity 14](#_Toc184840768)

[3.3 Install Project on Our Local 15](#_Toc184840769)

[3.4 Test Project on Our Local 18](#_Toc184840770)

[3.5 Test After Project on Our Local 19](#_Toc184840771)

[4 Setup BackEnd Sanity 19](#_Toc184840772)

[4.1 Create Testimonial 19](#_Toc184840773)

[4.2 Create About 19](#_Toc184840774)

[4.3 Create Brands 20](#_Toc184840775)

[4.4 Create Contact 20](#_Toc184840776)

[4.5 Create Experiences 21](#_Toc184840777)

[4.6 Create Skills 21](#_Toc184840778)

[4.7 Create Work Experience 22](#_Toc184840779)

[4.8 Create Work 22](#_Toc184840780)

[4.9 Edit Index 23](#_Toc184840781)

[4.10 Test Our Back End 23](#_Toc184840782)

[5 Setup Dependencies FrontEnd 24](#_Toc184840783)

[5.1 Install React 24](#_Toc184840784)

[5.2 Add Extension VSCode 25](#_Toc184840785)

[5.3 App.Js 26](#_Toc184840786)

[5.4 Index.Css 27](#_Toc184840787)

[5.5 Install Python 27](#_Toc184840788)

[5.6 Install Visual Studio 29](#_Toc184840789)

[5.7 Setup Path Visual Studio Env 30](#_Toc184840790)

[5.8 Install Pip Setup Tools 32](#_Toc184840791)

[5.9 Install Additional Packages 32](#_Toc184840792)

[6 Create Folder Structure 33](#_Toc184840793)

[6.1 Structure 4 Folder 33](#_Toc184840794)

[6.2 Structure Folder Container 33](#_Toc184840795)

[6.2.1 About 33](#_Toc184840796)

[6.2.2 Footer 34](#_Toc184840797)

[6.2.3 Header 34](#_Toc184840798)

[6.2.4 Skills 35](#_Toc184840799)

[6.2.5 Testimonial 35](#_Toc184840800)

[6.2.6 Work 35](#_Toc184840801)

[6.2.7 Index 36](#_Toc184840802)

[6.2.8 App 36](#_Toc184840803)

[6.3 Structure Folder Components 36](#_Toc184840804)

[6.3.1 Navbar 36](#_Toc184840805)

[6.3.2 Index 37](#_Toc184840806)

[6.3.3 App 37](#_Toc184840807)

[6.3.4 Test Our FrontEnd 37](#_Toc184840808)

[7 Navbar 38](#_Toc184840809)

[7.1 Images 38](#_Toc184840810)

[7.1.1 Navbar 38](#_Toc184840811)

[7.1.2 Assets 38](#_Toc184840812)

[7.2 Constant 38](#_Toc184840813)

[7.2.1 Images.Js 38](#_Toc184840814)

[7.2.2 Index.Js 40](#_Toc184840815)

[7.2.3 Test Our FrontEnd 40](#_Toc184840816)

[7.3 Component 40](#_Toc184840817)

[7.3.1 Navbar.Jsx 40](#_Toc184840818)

[7.3.2 Navbar.Scss 41](#_Toc184840819)

[7.3.3 NavigationDots.Jsx 44](#_Toc184840820)

[7.3.4 SocialMedia.Jsx 45](#_Toc184840821)

[7.3.5 Test Our FrontEnd 45](#_Toc184840822)

[8 Header 46](#_Toc184840823)

[8.1 Header 46](#_Toc184840824)

[8.1.1 Header.Jsx 46](#_Toc184840825)

[8.1.2 Header.Scss 47](#_Toc184840826)

[8.2 Wrapper 50](#_Toc184840827)

[8.2.1 Folder Wrapper 50](#_Toc184840828)

[8.2.2 AppWrap.Js 51](#_Toc184840829)

[8.2.3 MotionWrap.Js 51](#_Toc184840830)

[8.2.4 Index.Js 51](#_Toc184840831)

[8.2.5 Test Our FrontEnd 52](#_Toc184840832)

[9 About 52](#_Toc184840833)

[9.1 Client 52](#_Toc184840834)

[9.1.1 Client.Js 52](#_Toc184840835)

[9.2 About 52](#_Toc184840836)

[9.2.1 About.Jsx 52](#_Toc184840837)

[9.2.2 About.Scss 53](#_Toc184840838)

[10 Client Sanity 54](#_Toc184840839)

[10.1 Client 54](#_Toc184840840)

[10.1.1 Token Api Sanity 54](#_Toc184840841)

[10.1.2 .Env 56](#_Toc184840842)

[10.2 Test Application 57](#_Toc184840843)

[10.2.1 Test Our Backend 57](#_Toc184840844)

[10.2.2 Test Our FrontEnd 58](#_Toc184840845)

[11 High Order Component 58](#_Toc184840846)

[11.1 Social Media 58](#_Toc184840847)

[11.1.1 SocialMedia.Jsx 58](#_Toc184840848)

[11.1.2 NavigationDots.Jsx 59](#_Toc184840849)

[11.1.3 Index.Js 59](#_Toc184840850)

[12 Work 59](#_Toc184840851)

[12.1 Work 59](#_Toc184840852)

[12.1.1 Work.Jsx 59](#_Toc184840853)

[12.1.2 Work.Scss 61](#_Toc184840854)

[12.2 Test Application 64](#_Toc184840855)

[12.2.1 Test Our Backend 64](#_Toc184840856)

[12.2.2 Test Our FrontEnd 65](#_Toc184840857)

[13 Skills 65](#_Toc184840858)

[13.1 Skills 65](#_Toc184840859)

[13.1.1 Skills.Jsx 65](#_Toc184840860)

[13.1.2 Skills.Scss 67](#_Toc184840861)

[13.2 Test Application 70](#_Toc184840862)

[13.2.1 Test Our Backend 70](#_Toc184840863)

[13.2.2 Test Our FrontEnd 71](#_Toc184840864)

[14 Testimonial 71](#_Toc184840865)

[14.1 Testimonial 71](#_Toc184840866)

[14.1.1 Testimonial.Jsx 71](#_Toc184840867)

[14.1.2 Testimonial.Scss 73](#_Toc184840868)

[14.2 Test Application 76](#_Toc184840869)

[14.2.1 Test Our Backend 76](#_Toc184840870)

[14.2.2 Test Our FrontEnd 77](#_Toc184840871)

[15 Contact 78](#_Toc184840872)

[15.1 Contact 78](#_Toc184840873)

[15.1.1 Footer.Jsx 78](#_Toc184840874)

[15.1.2 Contact.Scss 79](#_Toc184840875)

[15.2 Test Application 82](#_Toc184840876)

[15.2.1 Test Our Backend 82](#_Toc184840877)

[15.2.2 Test Our FrontEnd 82](#_Toc184840878)

[16 Deploy On Netlify 83](#_Toc184840879)

[16.1 Setup Frontend 83](#_Toc184840880)

[16.1.1 Build In Local 83](#_Toc184840881)

[16.1.2 Upload To Netlify 84](#_Toc184840882)

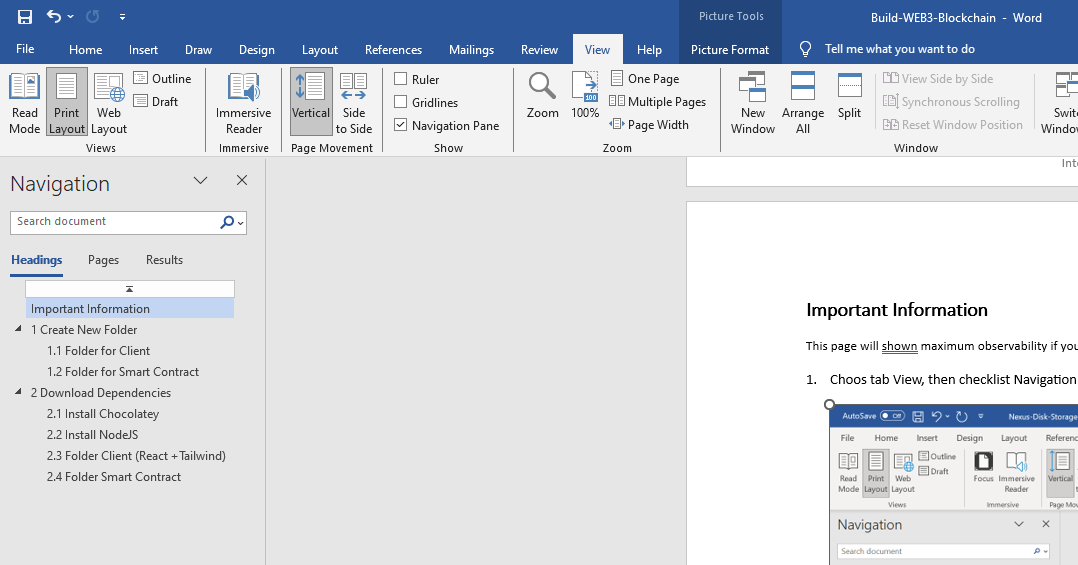
[16.2 Setup Backend 85](#_Toc184840883)

[16.2.1 Domain and CORS 85](#_Toc184840884)

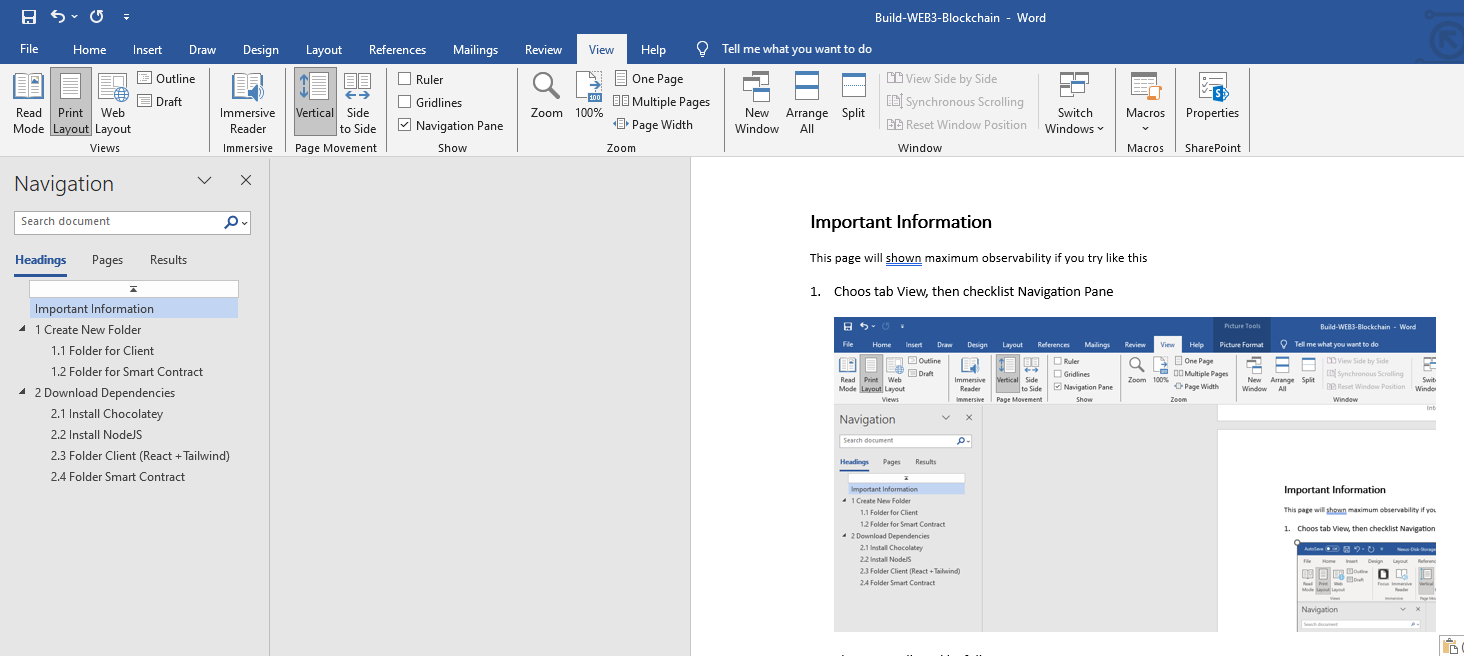
# Important Information

This page will shown maximum observability if you try like this

1. Choos tab View, then checklist Navigation Pane



1. Then you will see like following picture



# Questionare

2025 Cloud Support Engineer Questionnaire

## Non-Technical Questions

1. We work remotely (WFH), but we are looking for candidates who are based in Java Island, Indonesia, to help with accommodation arrangements. This includes providing work-related peripherals and organizing occasional team gatherings. Which province in Java will you be working from?
2. Our employment is currently full-time (5 days a week, 8 hours per day). Would you be able to meet this requirement?
3. Our teams in the U.S. and Indonesia collaborate directly without any barriers. Could you share your experience with communicating in English in a professional setting?
4. Why are you looking for new job opportunities? Also, what qualities or characteristics do you value most in your ideal company?
5. To streamline the process, here is our **gross** salary range:

* **Junior Support Engineer:** Starting from 11.5 million IDR
* **Support Engineer:** Starting from 17 million IDR
* **Lead Support Engineer:** Starting from 23 million IDR
  1. Does this salary range meet your expectations?
  2. If the range does not align with your expectations, could you provide your salary expectation along with the reasoning? This information will help us understand your needs and depending on your performance on your interview, we could be flexible.
  3. Are you willing to proceed to the next step of the recruitment process? If not, you may still submit your current information including your salary expectations, without completing the essay. We will retain this data for future recruitment planning and budgeting purposes.

## Essay

As part of our selection process, we would like you to submit a detailed essay (1–2 pages) outlining your professional experience and approach in DevOps. This essay should reflect your real-world involvement with monitoring high-priority systems for performance and reliability, maintaining, deploying, and scaling cloud- based infrastructure. If applicable, feel free to also include any experience you have with designing infrastructure solutions.

We’re particularly interested in learning how you’ve applied DevOps principles to ensure high availability, fault tolerance, security, automation, and collaboration across development and operations. Please highlight your experience with cloud platforms, containerization, infrastructure as code, monitoring, scripting/automation, and cost optimization. Additionally, we’d like to hear about how you handle challenges such as system failures, service outages, or security incidents, and how you collaborate with both technical and non-technical teams.

We also encourage you to include a high-level architecture diagram to illustrate one of your past projects or infrastructure solutions. A visual overview can provide valuable context and help us better understand how you think about systems and design.

We value integrity, clarity, depth, and relevance to what you’ve *actually done* on the job, not just what you know in theory. We want to hear *your story*, **in your own words**. Please don’t worry about perfect grammar or polished language—minor errors are completely okay. In fact, we’d much rather read something that genuinely reflects *you* than something overly refined or generated by AI. What matters most to us is authenticity and insight into how *you personally* think, work, and solve problems. Your submission will help us better understand your fit for our team and how you approach DevOps in real-world scenarios.

# Answer Non-Technical Questions

## Answer 1

I will live in Central Java, Indonesia

## Answer 2

Yes, I meet this requirement

## Answer 3

Yes, currently I’m in axa-mandiri always using English collaborating with axa employee in another country, because we share same server within axa global

## Answer 4

I’m looking for new opportunities because I want to be in an environment that provide continuous growth and learning. In my current role, I’ve gained valuable experience, but less time to learning and career growth and every day full wfo that consume my 4 hours in road to office.

## Answer 5

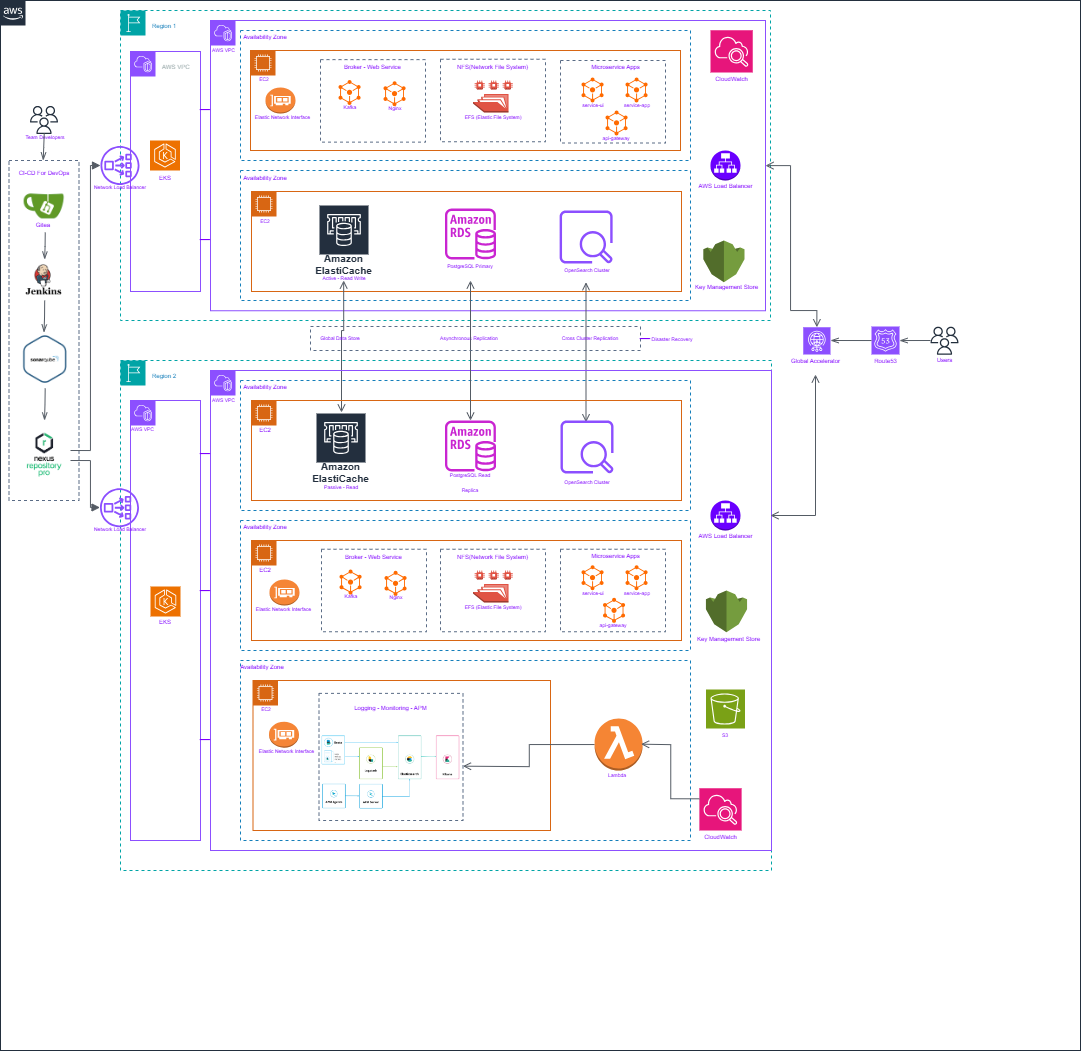
Yes, this salary range meet my expectations

My expected salary is 17 million, because I focus on time management

Yes, I proceed to next step

# Essay

## System Overview



This architecture spans **two AWS regions** to ensure high availability and fault tolerance

## High Availability and Fault Tolerance

To maintain service availability during taffic or regional failures, the system utilizes Route 53 with health checks and DNS-based routing to redirect traffic between regions. RDS is configured with cross-region replication to provide read replicas and quick recovery within DC and DR

## Monitoring, Logging, and Security

Operational visibility is provide using CloudWatch for metrics and logs, integrated with a centralized monitoring dashboard with the ELK Stack (Elasticsearch, Logstash, and Kibana). Then alerts are configured to notify the team of anomalies or failures via Email.

Security is enforced with VPC isolation, IAM roles with least privilege, and encrypted data at rest and in transit. Secrets and credentials are managed through AWS Secrets Manager and KMS (Key Management Service).

## Automation and CI/CD

For CI/CD using Gitea, Jenkins, Sonarqube, Nexus then all this are installed on EC2 instances,  
Gitea for management repository,  
Jenkins for orchestration using pipeline CI/CD in groovy to automate flow

Sonarqube for analyzes source code without executing, it detects : Bugs, Code Smells, Vulnerabilities, Duplicated Code, Complexity and Security Issues

Nexus for stores build artifacts such as JARs, WARs, Docker images, Python wheels, NPM packages, and for proxies remote repositories like Maven Central, PyPI, npm, Docker Hub

## Cost Optimization

Cost efficiency is continuously monitored using AWS Cost Explorer and custom dashboards. We utilize savings plans, spot instances, and auto-scaling to balance performance and budget. Logs and data are lifecycle-managed to minimize storage costs.  
  
Then I will replace EKS AWS with Rancher Kubernetes Engine (RKE) this is free, so that we can reduce 100% cost in using Kubernetes Engine.

## Collaboration and Incident Management

During incidents like service downtime or performance degradation, we rely on a combination of synthetic monitoring and real-user metrics to quickly know root causes. Incident reviews are shared across engineering and product teams to ensure learning and continuous improvement so I create technical documentation to share knowledge.