M. Adib Aulia Nurkhafif
Junior UI/UX Designer & Front-End Developer

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PROFESSIONAL EXPERIENCES

PT. INFO SOLUSINDO DATA UTAMA   **Jakarta, Indonesia**
Network Engineer (Contract)   **January 2022 - February** 2022

- Creating network solutions for network architecture and topology
- Installation and Integration of Fortinet Firewall to 10 bank branch offices throughout Jabodetabek and Banten Province
- Conduct a location survey to determine what solutions should be done

BRI Security Branch Implementation

- Site Survey
  - Conduct a topology survey in the office, knowing all devices connected to the office network
  - Tracing all cable lines in the office that connect local and public networks
  - Analyze the topology and architecture before installing and integrating.
- Security Installation and Integration
  - Installing the network, adding a firewall in the middle of the network after analysis and survey.
  - Perform validation after the installation process is complete with integration, ensuring all applications and services run smoothly.
- Documentation
  - Performing documentation after the validation process is complete, ensuring all facilities, systems, applications and the internet are fine.
  - Ensuring all internet traffic has passed through the firewall that has been installed on the network.

PT. MEDIA TELEKOMUNIKASI MANDIRI   **Jakarta, Indonesia**
Network Engineer (Internship)   **September 2021 - December** 2021

- Configuring a new Fortinet Firewall to be implemented in the SD-WAN project
- Integrate the device into MPLS and SD-WAN infrastructure
- Remote installation of devices by collaborating with the onsite team
- Device optimization after installation if there are problems in SD-WAN

Alfamart SD-WAN Integration

- Device Pre-Configuration
  - Perform fresh configuration on fortigate devices in accordance with the results of the provisions in the project
  - Perform MPLS, SD-WAN and GSM configuration on the device
- Remote Installation
  - Perform remote installation by collaborating with the onsite engineer team
  - Ensure the device runs smoothly and is connected to Alfamart's main server
- Optimization
  - Analyze the network at the site to find solutions that can be used
  - Ensure SD-WAN is running smoothly after the problem is solved

PT. MITRA VISINDO TEKNOLOGI   **Jakarta, Indonesia**
Network Security Engineer (Internship)   **March 2021 - August** 2021
- Configured and integrated network devices, including Mikrotik, Palo Alto Firewalls, Ruckus ICX switches, and Mikrotik CCR, into complex networking environments
- Conducted remote and onsite installations and upgrades for various network hardware in corporate and government settings.
- Performed VLAN mapping, VPN stabilization, firmware upgrades, and topology mapping for multiple clients.
- Conducted preventive maintenance and troubleshooting to ensure optimal network performance.

Replacement Firewall Palo Alto PT. Mega Eltra
- Device Configuration
  - Configured Mikrotik devices for integration with Palo Alto firewalls
  - Mapped IP Addresses and VLANs across multiple switches to ensure firewall functionality
  - Stabilized VPN connections for reliable network communication

Access Point Installation and Fiber Optic Survey PT. ASDP Merak
- Installation
  - Installed Ruckus Wireless Zoneflex R320 access points on ferries traveling to Lampung
  - Coordinated installation timing with ferry schedules to ensure smooth network setup
- Survey
  - Conducted Fiber Optic survey and topology mapping for network optimization at Merak Port
  - Mapped the layout remotely and through direct field observation

Installation Upgrade Switch Ruckus PT. ASDP Bitung
- Remote Configuration
  - Upgraded Ruckus ICX switch firmware
  - Configured VLANs based on project requirements and instructions

Installation Upgrade Switch Ruckus and MikroTik CCR PT. Rajawali Nusindo
- Remote Configuration
  - Upgraded Ruckus ICX switch firmware and Mikrotik CCR devices
  - Configured VLANs for seamless integration

Installation Upgrade Switch and Access Point Ruckus DPR RI
- Installation and Replacement
  - Upgraded and configured VLANs for Ruckus ICX series switches
  - Replaced Juniper devices with Ruckus switches and installed Ruckus Wireless Zoneflex access points across DPR RI departments

Preventive Maintenance Switch Ruckus and Avaya Kemenhub RI
- Maintenance and Troubleshooting
  - Conducted preventive maintenance on Ruckus and Avaya switches at the Indonesian Ministry of Transportation (Kementrian Perhubungan RI)
  - Verified physical and configuration integrity, ensured device integration, and performed user testing to confirm functionality

SKILLS

FRONT END DEVELOPER

UI/UX Design
- Designed and improved user interfaces for web and mobile applications to create intuitive and engaging user experiences.
- Applied user-centered design principles, focusing on enhancing accessibility and navigation for diverse audiences.
- Created wireframes, prototypes, and interactive elements for various projects

HTML, CSS
- Developed responsive, mobile-first websites using semantic HTML and advanced CSS.
- Ensured cross-browser compatibility and optimized website performance for faster load times and better user experiences.

JavaScript, ReactJS
- Built dynamic and interactive web applications using vanilla JavaScript and ReactJS.
- Developed features for seamless user interaction, such as real-time updates and state management
- Utilized React components to enhance performance and maintainability in web applications.

ANDROID DEVELOPER

UI/UX Design
- Designed user-friendly mobile interfaces for Android applications, focusing on usability and smooth navigation.
- Integrated intuitive elements to improve the user experience
- Applied Material Design principles to create clean and engaging interfaces.

Java
- Developed Android applications using Java, incorporating features like notifications, API integration, and database management.
- Built applications with robust back-end logic and optimized front-end interfaces for a smooth user experience.

NETWORK ENGINEER

Cisco
- Experienced in configuring and troubleshooting Cisco network devices, ensuring secure and efficient network performance.
- Experienced in Routing Switching, DHCP, Access-List.
- Applied Cisco solutions for LAN/WAN configurations and network security in real-world projects.

MikroTik
- Configured MikroTik devices to integrate with larger network infrastructures, including projects such as Firewall Replacement at PT. Mega Eltra.
- Implemented IP addressing, VLAN mapping, and VPN configurations to ensure seamless connectivity and stability.
- Experienced in Routing Switching, Wireless, QoS, DHCP, DNS, Hotspot, NAT

Fortinet
- Configured and implemented Fortigate firewalls for SD-WAN and network security projects, including SD-WAN Alfamart and BRI Security Implementation.
- Experienced in NAT, Policy & Authentication, Web Filtering, Application Control, Antivirus

Ruckus
- Installed and upgraded Ruckus switches and wireless access points in various projects, including PT. ASDP and DPR RI.
- Experienced Routing Switching, DHCP, DNS, Wireless Networking, Controller Administrator

Ubiquiti
- Knowledgeable in Ubiquiti wireless configurations, including setting up and troubleshooting Ubiquiti devices in various environments.

PROJECTS

WEB PORTFOLIO
Skills used: HTML, CSS, Javascript, React
- Developed a personal portfolio website to showcase development projects, skills, and professional experience using modern web technologies.
- Implemented a responsive design for seamless user experience across devices, increasing engagement and interaction on the website.

INSOMNOMNOMNIAC
Skills used: HTML, Javascript, Game Design
- Designed and developed a 2D platformer web-based game with interactive gameplay and challenging level design, focusing on player immersion.
- Implemented core gameplay mechanics using vanilla JavaScript, including object collision detection, player movement, and game progression.

DARK WHISPERER
Skills used: Game Design
- Created a comprehensive game design document (GDD) for a dark, atmospheric stealth-based game with immersive storytelling elements.
- Conceptualized character development and narrative arcs, designing gameplay mechanics that emphasize stealth, strategy, and player choice.
- Collaborated with artists and sound designers to conceptualize the visual and auditory atmosphere for the game.

KOMPAS RE-DESIGN

Skills used: UI/UX Design

- Led a complete redesign of the Kompas news website to enhance usability, readability, and accessibility while maintaining the brand's visual identity.
- Conducted user research to identify key pain points and improve navigation, resulting in a more intuitive and streamlined user experience.
- Created wireframes and prototypes to test design concepts, refining the interface based on user feedback and usability testing.

RAISO ANDROID APP

Skills used: Java, UI/UX Design

- Developed an Android application to help users manage daily tasks efficiently, incorporating intuitive UI/UX design for ease of use.
- Designed the user interface to enhance user experience, focusing on clean, user-friendly navigation and layout.

RECIPEEZ

Skills used: Java, UI/UX Design

- Built a meal planning and recipe-finding Android application, enabling users to input available ingredients and generate recipe suggestions via an integrated API.
- Developed the app's user interface with a focus on intuitive design, ensuring ease of navigation and user engagement with meal planning features.
- Implemented Java-based features for smooth functionality, including API calls for real-time recipe suggestions and ingredient management.

EDUCATIONS

BINUS UNIVERSITY	**Jakarta, Indonesia**
Undergraduate Computer Science Major	**2022-2026**
SMK IDN BOGOR	**Bogor, Indonesia**
Network Engineering Major	**2019-2021**

CERTIFICATIONS

ACTIVE

- IT Support Google, Lifetime
- Ubiquiti Broadband Wireless Admin (UBWA), 2022-2024
- D-Link Certified Network Design Associate (DCNA), 2023-2025

INACTIVE

- MikroTik Certified Network Associate (MTCNA). 2020-2023
- MikroTik Certified Routing Engineer (MTCRE), 2020-2023
- MikroTik Certified Traffic Control Engineer (MTCTCE), 2021-2024
- MikroTik Certified Inter-Networking Engineer (MTCINE), 2021-2024
- NSE 1 Network Security Associate (Fortinet), 2021-2023
- NSE 2 Network Security Associate (Fortinet), 2021-2023