Vinandra Adam Saputra

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A recent Informatics Engineering graduate with a deep interest and commitment to continuous development in the IT industry. Armed with experience in designing and building technology-based solutions, I am enthusiastic about taking on challenges and making a real contribution to the team

Education

Universitas Maritim Raja Ali Haji – **Tanjungpinang, Kepulauan Riau**   August 2021 – September 2025

Bachelor of Engineering (Beng) in Informatics Engineering – 3.74/4.00

Experience

Full-Stack Web Developer | Freelance   September 2025 – October 2025

NST Phoneshop – **Tanjungpinang, Kepulauan Riau**

- Designed and developed a responsive web-based e-catalog to digitize the store's inventory, enabling seamless product browsing and discovery for customers.
- Built a secure administrative dashboard with robust authentication, empowering the business owner to manage stock levels and update product visuals in real-time.
- Integrated direct WhatsApp contact features, streamlining the customer inquiry process and supporting potential sales lead generation.

Full-Stack Web Developer | Internship   July 2024 – August 2024

Kantor Camat – **Bintan Timur, Kepulauan Riau**

- Analyzed existing manual archival workflows to identify key operational inefficiencies and data security risks.
- Designed, developed, and implemented "SIMANTAP," a full-stack web application to digitize the entire archival process.
- Successfully improved data accessibility, security, and overall operational efficiency for the institution.

Practicum Assistant for Computer Networks Course   February 2024 – July 2024

Universitas Maritim Raja Ali Haji – **Tanjungpinang, Kepulauan Riau**

- Led and mentored junior students in the Computer Networks practicum, teaching complex technical concepts.
- Provided hands-on technical assistance and troubleshooting to solve network configuration issues (Cisco Packet Tracer) and protocol analysis problems (Wireshark).
- Analyzed and evaluated technical reports, providing constructive feedback to enhance students' analytical skills

Certified Independent Study – Red Hat Certified System Administrator – IBM AI & Cybersecurity

Infinite Learning, PT Kinema Systrans Multimedia - **Batam, Kepulauan Riau**   August 2023 – December 2023

- Achieved Red Hat Certified System Administrator (RHCSA) certification, demonstrating expertise in Linux administration, automation, and troubleshooting.
- Developed "Nuraga," a generative AI-based virtual assistant capstone project using IBM Watsonx.ai.
- Successfully completed three intensive and concurrent technology concentrations: System Administration, IBM AI, and IBM Cybersecurity.

Organizational Experience

Informatics Engineering Student Association – Member of Interest & Talent Division   2022 – 2023

- Designed and developed interest and talent development programs for Informatics Engineering students.
- Contributed to the planning and execution of events, including sport and e-sports competitions, to hone students' non-academic skills.

Projects

NST E-Catalog

This project is an electronic catalog created for NST Phoneshop. Its purpose is to digitize how customers view available products, complete with images, specifications, and other details. This application serves as a digital storefront that simplifies product searching and browsing.

Squid Freshness Identification (Thesis Project)

Focused on automated quality control by building a system to automatically identify the freshness of squid from digital images. I implemented a deep learning method, Capsule Network (CapsNet), to achieve a classification accuracy of over 90% on test data.

Real Estate Price Prediction

Developed a system to predict house prices based on their features, such as size, number of bedrooms, number of bathrooms etc using a Backpropagation Neural Network and Multiple Linear Regression.

Nuraga : A Virtual Assistant for Self-Development

Nuraga is an AI-based virtual assistant designed to support the self-development and quality of life of Indonesian youth. This project involved implementing IBM Watsonx.ai and Watson Assistant technologies to build and train a generative AI model, which was then integrated into an easily accessible web platform.

SIMANTAP : Sistem Informasi Manajemen Data Terpadu

SIMANTAP is a digital archive system developed for Kantor Camat Bintan Timur to support efficient data and document management. Created during an internship program, this system aims to improve the accessibility, security, and efficiency of document archiving at the institution.

PalVoice: Palestine Voice

A mobile application developed using Flutter to help voice the struggle of the Palestinian people. The app provides features such as real-time news about Palestine, list of donations and petitions, and a list of boycotted products, with data managed using Firebase Cloud Firestore.

Skills

- **Programming Languages**   : Python, PHP, Dart, HTML/CSS
- **Soft Skills**   : Analytical Thinking, Communication, Problem-Solving, Adaptability, Collaboration