INGRID ROREZ DIALUSI SINURAT

+6287898668299 | ingridrorez@gmail.com | https://www.linkedin.com/in/ingridrorez/ | https://github.com/Ingridrorez/
Yogyakarta, Indonesia

A fresh graduate from Universitas Gadjah Mada with a Bachelor's degree in Internet Engineering Technology. Has a strong passion for both cybersecurity and coding, with a particular focus on penetration testing and vulnerability assessments. Proficient in JavaScript, PHP, and Python, and experienced with SQL databases, blending coding skills with cybersecurity expertise to deliver secure and efficient solutions. Dedicated to continuous learning, holding certifications from Dicoding, Ruangguru, and Cisco. Aspires to contribute to the development of secure digital environments while further advancing in both ethical hacking and software development.

Education Level

Universitas Gadjah Mada - Yogyakarta, Indonesia   Aug 2020 - Aug 2024

Bachelor Degree in Internet Engineering Technology, 3.62/4.00

- Graduated cum laude as the youngest graduate from Universitas Gadjah Mada's Internet Engineering Technology program.
- Outstanding Student: Winner of the Favorite Award for Teledentistry Design, as part of a team project.

SMA Negeri 4 Medan - Medan, Indonesia   Jul 2017 - May 2020

High School in Sains, 89.00/100.00

Work Experiences

PT. Kalbe Farma, Tbk - Cikarang, Indonesia   Aug 2023 - Dec 2023

Web Developer (Internship)

- Designed a comprehensive UI/UX framework that defined the structure and functionality of the application, ensuring an intuitive, user-friendly experience for stakeholders.
- Served as Front-End Developer in the development and enhancement of the registration process for training programs at BO Pharma, Kalbe Farma, streamlining digitalization efforts and improving data management systems.
- Implemented innovative solutions to optimize the registration workflow, increasing efficiency and accuracy in data processing for BO Pharma, Kalbe Farma.
- Improved data processing speed by 50%, enabling faster analysis and more informed decision-making.
- Reduced manual intervention by 60%, resulting in significant cost savings and enhanced operational efficiency.

PT. Telkom Indonesia, Tbk - Bandung, Indonesia   Apr 2023 - Sep 2023

Cyber Security Engineer (Internship)

- Identified and mitigated 90% of potential cyber threats and vulnerabilities, ensuring the secure release of PT Telkom's product.
- Enhanced overall system security posture by 30%, as measured by vulnerability assessment metrics, improving system resilience.
- Reduced the likelihood of successful cyber attacks by 40% through the implementation of comprehensive security measures based on audit findings.
- Improved collaboration between security teams and stakeholders by 50% through clear documentation and effective communication of security findings and recommendations.

PT. Ruang Raya Indonesia   Feb 2023 - Jul 2023

Frontend Engineer (Internship)

- Developed expertise in designing and structuring robust web pages using JavaScript and the React framework. Applied this knowledge through various project-based case studies, enhancing both design and functionality.
- Attained a 90% accuracy rate in implementing HTML and CSS, demonstrating a high level of precision and reliability in maintaining consistency across multiple web projects.

Dinas Komunikasi dan Informatika DIY - Yogyakarta, Indonesia   Jul 2022 - Aug 2022

Penetration Tester (Internship)

- Carried out vulnerability assessments on web applications, which included BiroHukum, Paperless, Jogjaplan, LPSE, Peladen, Sadewa, using a variety of penetration tools.
- Expertly followed OWASP (Open Web Application Security Project) guidelines as a framework to ensure a comprehensive and organized analysis of potential security threats.
- Diligently identified and recorded all vulnerabilities that were uncovered, supplying in-depth reports for KOMINFO's evaluation and subsequent action.
- Collaborated with the team to improve cybersecurity measures, making a valuable contribution to safeguarding critical systems and sensitive information.
- Acquired practical experience in penetration testing techniques and further developed proficiency in assessing application security throughout the duration of the internship.

PT. Qatros Teknologi Nusantara - **Yogyakarta, Indonesia**   Apr 2022 - Jul 2022

Immersion Starter Engineer Qatros (Internship)

- Acquired foundational knowledge in Quality Assurance, encompassing key principles such as testing methodologies, defect tracking, and software quality assurance through structured learning and practical application.
- Developed fundamental programming skills by mastering the Ruby programming language and the Ruby on Rails framework, gaining proficiency in developing and managing web applications.

Organisational Experience

Gerakan Mengajar Desa - **Yogyakarta, Indonesia**   Jun 2022 - Present

Tutor Inspiratif

Gerakan mengajar Desa (GMD) is a community dedicated to empowering and developing the potential of rural areas, with a particular focus on education.

- Served as an inspirational educator in teaching activities within a rural area of the Special Region of Yogyakarta, specifically in Kulon Progo.
- Delivered engaging and educational lessons aimed at improving the digital skills of both children and parents, leveraging knowledge acquired through university studies.
- Applied a hands-on teaching approach to facilitate effective learning and practical application of digital concepts within the community.

Networking Club - **Yogyakarta, Indonesia**   Nov 2021 - Jan 2023

Public Affairs Division

The Networking Club is an organization within the vocational school of Universitas Gadjah Mada, focusing on IT-related discussions. It comprises three divisions: PAN, WAN, and LAN. Each division specializes in specific aspects of networking technology, contributing to the club's overall mission of fostering knowledge and skills development in the field of information technology.

- Design and implement strategies to align with each new campaign or initiative, utilizing the organization's editorial content to enhance visibility and impact.
- Develop comprehensive public relations and crisis management strategies to safeguard and enhance the organization's reputation and standing.
- Cultivate and nurture positive relationships with investors, ensuring alignment with the organization's objectives and interests.
- Provide guidance and counseling to employees regarding organizational policies, actions, and responsibilities, fostering a culture of accountability and clarity within the organization.

Projects

- **Projects - Localine Crowdfunding Homestay Indonesia** ⊘ (2023): Developer
- **Publication - Application Security Testing to Support Digital-Based Cultural Ecosystem in Jogja Smart Province** ⊘ (2023): Contributor