

# SONIA KHASANAH AMALIA

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## OBJECTIVE

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I'm a software engineer who really had high interest in companies engaged in information technology. I'm fast learner and try to give positive contributions for community. Highly creative and experienced working with Java and JavaScript. Beside that, I'm fascinated into Machine Learning. Skilled in cyber security analysis, passionate about SIEM technology and IBM Qradar, also understand to integrate Linux server to IBM Qradar. Able to problem solving, project management, and collaborate in a team to deliver the best result. I am looking for challenge to work full time, contract or remote on software development and technology to expand my skill more.

## EDUCATION

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**BINUS University** | Jakarta, Indonesia

*Bachelor of Computer Science* (August 2022 - August 2024)

**Gajah Tunggal Polytechnic** | Tangerang, Indonesia

*Associate of Electrical Engineering* (September 2018 - August 2021)

- **GPA** : 3.68 / 4.00
- **Academic Award** : 2<sup>nd</sup> Runner Up Gajah Tunggal Award, PT Gajah Tunggal Tbk
- **Honours Project** : "Application Teamcenter Development within Management Monitoring Data of Tire Architectural Specification Tiger Paw Pattern in R&D Division PT. A"

## WORK EXPERIENCE

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**PT Gajah Tunggal Tbk** | Tangerang, Indonesia

*Software Engineer* (September 2021 - present)

- Maintaining and troubleshooting Teamcenter Siemens PLM Software.
- Perform system improvements based on user requests (Engineering Job Order).
- Solving new bug issues.
- Worked on a project within tire designer team on uploading data specification tire to database.
- The project developing Teamcenter Application to deploy report function based on Java.

**PT Gajah Tunggal Tbk** | Tangerang, Indonesia

*Software Engineer Intern* (February 2021 – July 2021)

- Worked on a project within PDM research team to improve system of Teamcenter Siemens PLM Software based on Java.

## ORGANIZATIONAL EXPERIENCE

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### **Cyber Security Analyst | Indonesia**

*Member* (May 2022 - present)

- Sharing all of technical and theoretical solving about security information.
- Sharing all of technical and theoretical solving about malware and company assets.
- Discussion about tools for manage data, log, and offenses.
- Discussion about integration server Linux to IBM Qradar.
- Solving how to make report of offenses with application ticket template The hive.
- Solving how to make report of Vulnerability Management with Nexpose by Rapid7.
- Sharing about hardening process.
- Sharing about MoP and HCL BigFix.
- Sharing about Jump Server and 2FA.

### **Organization Serikat Pekerja Seluruh Indonesia (SPSI) | Tangerang, Indonesia**

*Coordinating member* (December 2021 - present)

- Socializing programs of organization company.
- Receive and accommodate employee members complaints.
- Together with PUK (Work Unit Manager) plays an active role in solving problems related to employee members and organizations

## PROJECTS

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### **Job Project | Software Development**

- Improvement of Expert System PLM Software Teamcenter Siemens using JavaScript Language (2022).
- Developed PLM Software to Make New Function for Testing Report Based on Java (2022).
- Developed Product Lifecycle Management (PLM) Software Based on Java to Make Masterlist Report (2022).
- Calculator Application using MySQL to Make Report Excel Based on Java (2021).

### **Personal Project**

- Designed Library e-Resources Based on Web Application (2020).
- Designed Laundry System Based on Web Application (2020).
- Implementation of Convolutional Neural Network (CNN) for Image Classification (2022).

## KNOWLEDGE AND TECHNICAL SKILLS

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- Experienced more than 1 year using Java and JavaScript for software development.
- Proficiency at CIA Triad Concept ISO 27001.
- Understand the fundamental concepts of OSI Layer.

- Strong understanding of Security Incident & Event Management (SIEM) technology.
- Familiar with IBM Qradar Product.
- Familiar with Splunk Platform.
- Hands on experience working with PowerShell.
- Thorough understanding of Vulnerabilities Assessment (VA) and countermeasures.
- Have good understanding of Service Level Agreement (SLA).
- Have good knowledge of logging server (syslog).
- Familiar with security tool Nexpose.
- Strong understanding the concept of protection technology Intrusion Detection System (IDS) and Intrusion Prevention System (IPS).
- Strong understanding the concept of protection technology Firewall.
- Have good knowledge about Email Security Appliance (ESA) and Web Security Appliance (WSA).
- Have good knowledge about Anti Virus (AV) technology.
- Have good knowledge about CyberArk technology.
- Knowledge in general networking such as LAN, WAN, VPN, NAT.
- Familiar with various protection controls such as Active Directory (AD), Data Loss Prevention (DLP), Identify Access Management (IAM), Privileged Access Management (PAM).
- Understanding the concept of hardening process.
- Understanding the concept of IDM Oracle.
- Excellent interpersonal and decision making.
- Able to work collaboration in a team.
- Understand in prioritization.
- Good analysis & logical thinking.
- Good communication, active listening, and presentation skills.
- Show passion of continuous learning.

## **COURSE AND ACCOMPLISSEMENT**

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- IT Support Google (Coursera)
- Multi-Cloud Network Associate Course (Aviatrix)
- NSE1 Network Security Associate (Fortinet)
- NSE2 Network Security Associate (Fortinet)
- NSE3 Network Security Associate (Fortinet)
- Cyber Security Operation (Digitalent Kominfo-Cisco)
- Belajar Dasar Visualisasi Data (Dicoding Academy)
- Memulai Pemrograman dengan Python (Dicoding Academy)
- Belajar Machine Learning untuk Pemula (Dicoding Academy)

## **LANGUAGES**

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**Bahasa Indonesia:** Native Language

**English:** Intermediate Speaker, Listener, Reading, and Writing