



INFORMATICS ENGINEER

KENNIE MANDOLANG ST

GET IN CONTACT

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TUUTU LINGKUNGAN III, Tondano Barat, Manado, Indonesia 95614
Kennie Kambong Manawan Mandolang, S.T

WORK EXPERIENCE

PERSONAL PROFILE

A junior informatics engineer with hands-on experience in all levels of testing, including performance, functional, integration, system, and user acceptance and have skill in network infrastructure modeling and development

AREAS OF EXPERTISE

- SPRINGBOOT Backend
- Desktop Software Development
- Network Forensic
- Database Designer
- Data Structure and algorithm Modeling
- Rapid Applications Development Usage and Implications

SKILLS

- Java programming language usage
- Python programming language usage
- Dart programming language usage
- Flutter framework usage
- Adobe XD usage
- Microsoft visual code Studio usage
- Cisco Packet Tracers usage
- Linux OS usage
- Fluent in English
- Microsoft Office usage
- Microcontroller programming

SOFTWARE ENGINEER

FREELANCER | 2015 – Present

- Software design and development
- Analyst software requirements from client
- Software development in Mobile, Desktop and Web
- Evaluates interface between hardware and software
- API budgeting and usage control

IT SPECIALIST/ DevOps/Programmer RSUD DR SAM RATULANGI | 2022 – Present

- Design and Implement Health Information System:
- Developed and implemented a robust health information system to streamline data management and improve efficiency in patient care.
- Collaborated with cross-functional teams to gather requirements, analyze workflows, and design system architecture.
- Utilized programming skills to develop custom modules and functionalities tailored to the specific needs of the healthcare environment.
- Integrated various components such as patient records, laboratory results, medication management, and billing systems to ensure seamless data exchange.
- Implemented appropriate security measures to protect patient data and ensure compliance with privacy regulations.
- Managed the deployment and continuous integration processes to ensure the smooth operation of software applications.
- Configured and maintained infrastructure components such as servers, databases, and networking to support application development and deployment.
- Automated build, testing, and deployment processes using tools like Jenkins, Docker, and Kubernetes.
- Implemented monitoring and logging solutions to proactively identify and address performance issues.
- Collaborated with development teams to optimize application performance, scalability, and reliability.

SOME OF THE PROJECT INVOLVED

- APLIKASI PENCAIRI LOKASI IBADAH TERDEKAT (MOBILE) (2020) – BACKEND PROGRAMMER
- APLIKASI CHATTING ENKRIPSI MENGGUNAKAN AES (DEKSTOP) (2018) – BACK END PROGRAMMER
- APLIKASI KONSULTASI AKADEMIK UNIVERSITAKS KATOLIK DE LA SALLE (WEB) (2016) – BACKEND PROGRAMMER

NETWORK ENGINEER

PT TRI SULA JAYA BERSAMA | 2017 – 2019

- Software and hardware network Integrations
- Cooperating network LAN modeling
- Network Check and bandwidth Control
- Wireless and LAN Integrations
- Network diagnose and troubleshooting
- Firewall network Security

LATEST PROJECT INVOLVED

- PEMASANGAN INFRASTRUKTUR IT (LAB KOMPUTER) SMP KOTA TOMOHON (2019) – KORDINATOR LAPANGAN
- PEMASANGAN INFRASTRUKTUR IT (PERPUSTAKAAN PINTAR) PERPUSTAKAAN MANADO (2020) – DESAINER MODEL JARINGAN
- PEMASANGAN SISTEM KEAMANAN BKKBN TOMOHON (2020) – DESAINER MODEL JARINGAN

PHYSICS LABORATORIAL ASSISTANT

DE LA SALLE MANADO | 2013 – 2017

- laboratorial inventory check
- laboratorial usage management
- laboratorial software development for attendance control



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EDUCATION AND TRAINING

ARCHIEVMENT

- Lomba LKS Jaringan nasional antar SMK – Juara 1 wilayah tomohon (2012), Manado
- Lomba Debat Bahasa Inggris Nasional antar universitas – 10 besar kopertis XI (2014 – 2015), Makasar
- Lomba Ethical Hacking Nasional CTF antar universitas – 10 besar (2016), Bali

EDUCATIONS

DE LA SALLE CATHOLIC UNIVERSITY OF MANADO, 2013–2019

Bachelor of Informatics Engineering, 2019 (S.T)

- Student Executives (BEM), Vice President (2015–2016)
- Game Development, Members (2013–2017)
- Network Penetrating Club, Members (2013–2017)
- English Debate Clubs, Vice President (2013– 2017)
- National Catholic University BEM organization, Vice President II (2015 – 2016)

SMK KRISTEN 1 TOMHON, 2010–2013

Teknik Komputer dan Jaringan Graduated Class of 2013. Honor Roll

- Student Organization board (OSIS) Vice President (2011–2012)
- Networking Club (LKS) Member (2010–2013)
- English Debate Club (2010–2013)

SMP NEGERI 1 TONDANO, 2007 – 2010

SD GMIM 1 TONDANO, 2001 – 2007

TRAINING

Network Basic, SMK Kr 1 Tomohon 2011

Network Forensic and Ethical Hacking, STIKOM Bali 2016

Fuzzy Logic Algorithm, De La Salle Manado 2016

NETWORK SECURITY MTCNA 2015 – 2022

SIMRS KHANZA AKUNTANSI BANDUNG 2021 – 2022

SIMRS KHANZA DATABASE AND SECURITY ADMINISTRATOR

JOGJAKARTA 2021– 2022

KHANZA ERM ADMINISTRATOR SURABAYA 2021– 2022