

Muhammad Aris Septanugroho

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Summary

Learning Software Engineering since 3 years ago. As a dynamic and multifaceted Vocational High School graduate, I bring a robust skill set spanning various domains. As a Software Engineer, I excel in Golang, Python, Next JS, and have proficiency in database technologies like MongoDB, PostgreSQL, and Elastic Search. In the DevOps realm, I leverage Gitlab CI/CD, Docker, and Linux for streamlined development workflows. In the field of Data Science & AI, I am adept with Tensorflow and various tools such as Numpy, Pandas, and Matplotlib. Additionally, my expertise extends to Game Development, where I've demonstrated prowess with Unreal Engine 5.

Beyond technical skills, my leadership capabilities shine through as a Team Leader and Project Manager, utilizing tools like Linear and Notion, and employing SCRUM & Agile methodologies. Despite being a recent graduate, my track record reflects a consistent trust in my ability to lead, evident in internships, school projects, and organizational roles. I am a proactive and adaptable professional poised for diverse challenges in the technology landscape.

Experience

Demandlane | California, MD

Data Analyst | 04/2024

- Improved the accuracy of data analytics and reporting by higher sales and earnings
- Created a data visualization tool that could easily be utilized by non-technical staff to help develop a more interactive and engaging service
- Researched and implemented new analytics methods to provide better metrics of employee performance and increase retention

Mija Company | Jakarta, Jakarta

Full Stack Developer | 11/2023 - 05/2024

- CMS for managing Resto/Cafe. Such as Menu Management, Resto Profile, Menu and Table Management even Reservation or Order Menu Appovement
- Mija App based on Progressive Web Application for customers who want to book reservations and order menu
- Integrating App with Payment Gateway
- Building Backend Microservice with Nest JS
- Deploy with Docker, Google Cloud Run on Virtual Private Server
- Create reverse proxy server

Carakan Sadhana Dirgantara | South Jakarta, Jakarta

Software Engineer and Project Manager Intern | 10/2022 - 04/2024

- Integrating Game with Blockchain Technology
- Specializing on Blueprint Visual Scripting
- Leading a team and establishing a strategy to make progress faster while also achieving deadlines on time
- Managing Project with Linear Software based Agile System.
- Design a software architecture that is scalable and maintainable
- Building REST API of Game Communication
- Building a multiplayer game architecture that is connected without delay between server and client
- Design database schemes to be implemented to Game Logic
- Implement Socket and WebRTC Connection to Provide Cloud Gaming
- In Charge of Backend Gaming, and Web Application.
- Create Monitoring Application build with Next JS
- Deploy with Docker on Virtual Machine Server
- Create Automation Program, to run with scheduling and event based written in Golang.

SMKN 1 CIBINONG | Bogor, West Java

Game Development Instuctor | 10/2023 - 12/2023

- Taught Unreal Engine 5 to Vocational High School students, emphasizing hands-on learning.
- Developed and implemented engaging assignments for practical application.
- Monitored student progress, offering timely guidance and support.
- Provided technical assistance, ensuring a smooth learning experience.

- Collaborated with fellow instructors to enhance program quality.

PBSI | Bandung, West Java

Freelance Programmer | 07/2023 - 10/2023

- Developed a real-time scoring system for PBSI Jabar's Badminton Matches.
- Implemented Web sockets for instant data updates, enhancing user experience.
- Created a user-friendly React JS web app for players, referees, and stakeholders.
- Engineered a scalable backend using Golang (Gin Gonic) with RESTful APIs.
- Managed player registration, match scheduling, and referee assignments.
- Handled score adjustments and real-time changes during matches.
- Developed a feature for generating and printing match result summaries.

NEVTIK Organization | Bogor, West Java

Head of Office | 04/2022 - 04/2023

- Managed and lead the organization
- Lead the weekly meetings of organization
- Planning montly organization activities
- Become a Master of Ceremony at NevтикTalk (Podcast and Webinar)
- Delivering Tasks to every single organization members
- Hands on Web App E-Voting Project

NEVTIK Academy | Bogor, West Java

Data Science Instructor | 08/2021 - 04/2022

- Building Internal Project based AI Technology, which is Attendance System with Face Recognition
- Create module for learning resource with Jupyter Notebook / Google Collab
- Teaching 8 students on AI Class. Presenting Pandas, Numpy and Scikit-learn

Skills

Web Development, Golang, Python, IT Support, Data Science, Leadership, ReactJS, Redis, LAMP Stack, Unreal Engine 5, Gitlab CI/CD, REST Architecture, Gin Gonic, MongoDB, Node.js, Express JS, Project Management, WebSocket, GraphQL, Docker, Machine Learning, TensorFlow, Network Administration, Data Visualization, Version Control System, English

Education

SMKN 1 Cibinong | Bogor, West Java

System Informatics, Networking and Application | 05/2024

- Getting reward as the best student at my class (1st) on semester 1 - 4
- Become a teacher assistant for Productive Subject
- Completing Python Course on Python Institute
- Realiable student who be able help the teachers
- Giving an English Speech in front of SMKN 1 Cibinong Students
- Passed CompTia - Linux+ Certification with score 802/900
- Participant of Shopee Code League 2022
- Participant of Junior Competitive Programming Competition CompFest 18

InfraDigital Training | Bogor, West Java

Cybersecurity | 10/2022

- Successfully completed CompTia Linux+ module, demonstrating proficiency in Basic Linux Commands, Storage, CronJob, Authentication Control, Best Practice Security Implementation, Firewall, and SELinux.
- Excelled in Network+ module, showcasing expertise in Network Hardware, Troubleshooting, Hardening, Cloud Infrastructure, High Availability, and Security Systems, including Whitelist & Blacklist, Layer Security, and VLAN Configuration.
- Attained competence in CompTia Security+, mastering the installation and configuration of cybersecurity controls, incident response, risk mitigation, cryptographic concepts, secure network design, and secure application and cloud practices.

Jabar Coding Camp (Bootcamp) | West Java

Frontend with React JS | 04/2022

- Completing the Course and getting the certificate

- Building Frontend Project Website Pendataan Bansos using React JS

Fasih Jerman | Tangerang, Banten

German Language | 03/2022

I have achieved an A1 level proficiency in German, earning a passing grade from Fasih Jerman, attaining the highest score possible in my pursuit of excellence in language learning.

NEVTIK Academy (Bootcamp) | Bogor, West Java

Programming and Data Science | 12/2020

- Completing IT Fundamental Course covering Hardware Computer, Operating System and Basic Networking
- Have a good understanding in Python Programming
- Have passed on Data Science Class covering Data analyst and Machine Learning

Languages

Indonesian, English, German

Certificates

Concurrency in Go by University of California, Irvine , Unreal Engine 5 Training in Brandoville Academy, CompTia Linux+, Python Programming | Python Institute, TOEIC Score 740, Kaggle Data Science Course Certificates, DQLab Data Science Learning Paths, React JS Bootcamp by JabarCodingCamp

Awards

The 2nd Position at KKS Data Science 2021, The 1st Position in NEVTIK Academy member Selection, The 1st Position at LKS Data Science 2023 West Java Province, The 1st Position at LKS Data Science Jawa Barat 2023