Khoiri Davin Nayaka

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Education

Binus University
Bachelor of Computer Science
Expected Graduation: 2027 (GPA: 3.32)
Key Coursework: Computer Security, Linux System Administration and Security, Network Security Fundamental, Popular Network Technology, Operating System, Intro to Cloud Infrastructure.

Professional Summary

Motivated Computer Science student passionate about IT infrastructure, networking, and cloud technologies. Experienced in network design, server configuration, and basic cybersecurity practices. Strong analytical foundation with exposure to machine learning applications and modern cloud services. Seeking an internship opportunity to apply technical knowledge in real-world IT environments and contribute to system optimization and reliability.

Skills & Tools

- **Networking:** Cisco Packet Tracer, TCP/IP, Subnetting, Routing, Switching
- **Security & Tools:** Kali Linux, Nmap, Wireshark, Dirbuster, Nikto
- **Cloud & Virtualization:** Microsoft Azure, AWS (basic), Docker
- **Programming:** Python, Java, HTML, CSS, JavaScript, node.js, React
- **Machine Learning:** Scikit-learn, LightGBM, Pandas, NumPy
- **Version Control:** Git, GitHub

Projects

HeartCare – Heart Disease Prediction
Developed a predictive model using the Random Forest algorithm to analyze patient health data and classify heart disease risk with improved accuracy.

Weather Prediction using LightGBM
Conducted a research-based comparison of LightGBM against other ML models in terms of accuracy and precision for weather forecasting tasks.

Network Design for a Three-Story Building
Designed and implemented a scalable LAN topology using Cisco Packet Tracer, including routing, subnetting, and switch configuration for each floor.