📄 CV – NGUYỄN NHO THOÁNG

Full Name: NGUYỄN NHO THOÁNG

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👨‍💻 Professional Summary

Mechatronics Engineer with **7 years of experience in Cloud Platform and Software Quality Engineering** at Samsung. Proficient in **DevOps technologies (AWS, Docker, Kubernetes, Terraform, CI/CD)**, experienced in **automation testing (Selenium, Appium, Uiautomator2, AI-based automation)**, and applying **AI (LLMs, RAG)** in real-world workflows. Strong adaptability to new technologies, with a proven ability to deliver solutions in high-pressure, large-scale projects.

💼 Work Experience

Cloud Platform Engineer | Samsung SVMC (now Samsung SRV) | *2016 – 2023*

Monitoring Service (AWS & On-Premise)

- Deployed and managed global monitoring systems with **Grafana, Prometheus**.

- Developed automated alert systems (Warning, Critical) integrated with **Alarm & Auto-healing**.

- Provided fast incident resolution for critical services.

- Hands-on with **Docker, Kubernetes, Ansible, Terraform, Jenkins, GitLab** for deploying apps on both **Cloud & On-Premise environments**.

Automation Testing (Selenium, Appium, Uiautomator2, AI-based Automation)

- Built automated test scripts for **Samsung Developer** and **Tizen Developer**.

- Developed automation frameworks for mobile app testing post-Pull Request using **Appium, Uiautomator2, ADB**.

Software Quality Engineering (SQE)

- Performed software testing for Samsung products before release.
- Built automation test frameworks running across multiple devices (**Appium, Uiautomator2, STP, ACT**).

AI Research & Application

- Trained and fine-tuned AI models to enhance automation.
- Applied **RAG + MCP + LLM** to support software testing workflows.
- Successfully demoed an **AI-powered chatbot** for testing support, preparing fullstack deployment (backend + frontend) to internal servers.

📁 Personal Projects

- Developed an **AI chatbot (RAG-based)** to assist employees in documentation lookup and troubleshooting.
- Additional DevOps & Automation projects available on **GitHub**.

🎓 Education

Electric Power University | *2010 – 2015*

- Major: **Mechatronics Engineering**
- GPA: Good

🛠️ Skills

DevOps & Cloud: AWS, Kubernetes, Terraform, Ansible, Docker, Jenkins, GitLab
Automation Testing: Selenium, Appium, Uiautomator2, TensorFlow, PyTorch
Programming: Python, Bash
Database: MySQL, PostgreSQL, MongoDB
AI & ML: LLMs, RAG, Fine-tuning, Model Deployment

🎯 Career Objective

- To work in a **professional and innovative environment**.
- To contribute to **real-world, high-impact projects** shaping technology products.
- To embrace challenges and thrive under high-pressure workloads.