

# Thinh Nguyen

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**Dedicated computer science student with experience in software, hardware, and systems development. Develops projects, sensors, and data analysis. Skilled in building secure server infrastructures, networks, and automating technical processes.**

## KEY SKILLS

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- **Embedded Development**
- **Front-end & Back-End Development**
- **Dev-Ops & System Administration**
- **Communication** (German, English, Vietnamese and Bulgarian)
- **Teamwork, project management** (Smart tracking vest project)

## PRACTICAL EXPERIENCE

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***Vital tracking vest, Furtwangen University • Project Manager/Developer*** (09/2024) - (07/2025)

**I led a team to develop a vital signs tracking vest**, the ECG data, body temperature, and movement data are recorded and transmitted to a back-end server for analysis. The collected data is visualized in real time on a website. The project achieved outstanding results and was awarded full marks by the high school graduates as part of the special learning achievement category.

***Gleason GmbH, Eisenbach • Internship -System Administrator*** (07/2022) - (08/2022)

**During my internship, I set up a monitoring server.** The company server is monitored. The system checks hard drive usage, server status and other key figures, and automatically sends email notifications in case of irregularities to enable rapid troubleshooting.

***Helios Ventilatoren GmbH, VS-Schwenningen • Internship -Dev-Ops*** (07/2021) - (08/2021)

**I have built a high-performance server with CPU, GPU, hard drives and RAM.** and installed a Linux server distribution (Proxmox) on it. Then I set up Kubernetes and Docker to run a web server with a load balancer and reverse proxy. Additionally, I configured a firewall to protect against DDoS attacks and published the server using the company IP address.

## EDUCATION

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***Abitur -School of Precision Engineering, Villingen-Schwenningen, Germany*** (2023) - (2026)

***Secondary school -Bickeberg School, Villingen-Schwenningen, Germany*** (2019) - (2023)

***Secondary school -Sofia Mathematical High School, Sofia, Bulgaria*** (2017) - (2019)