



Axel Zublena

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A curious computer scientist with an international mindset, specializing in software engineering. Determined to be a well-rounded IT professional, I minored in cybersecurity and developed data science solutions.

Professional Experience

Software Engineer Intern, SES Satellites

02/2024 – 07/2024 | The Hague, Netherlands

- Development of a **Knowledge Management System** with **TypeScript** (SvelteKit) and **Azure AI Search**. **Containerized** and hosted on **Azure**.
- Took responsibility for the software as part of its production deployment.
- Acquired knowledge of **satcom** infrastructure.

DevSecOps Engineer Intern, Naval Group

01/2023 – 07/2023 | Ollioules, France

- Development of **secure CI/CD** pipelines.
- Worked with containerization and orchestration technologies (i.e., **Docker, Kubernetes**) in an R&D context.
- Development of a proof-of-concept software with **Angular**.

Skills

Programming (Typescript, Python, SvelteKit, Angular, PHP with Laravel, Java, SQL, MongoDB)

Technical (OOP, Docker, Kubernetes, Linux, Git (GitHub & GitLab), Nginx)

Professional (Agile, CRISP-DM)

AWS (AWS Certified Cloud Practitioner)

Azure (Web Apps, Container Registry, Container Instance, Functions, Blob Storage, AI Search)

Cybersecurity (Wireshark, Nmap, Netcat)

Education

HBO-ICT, HZ University of Applied Sciences

09/2020 – 07/2024 | Middelburg, Netherlands

GPA 3.88/4, Top 2 of class, cum laude (with honor) propaedeutic diploma

School Projects

- Development of a **containerized** web application with **TypeScript** for Strategisch Kennis Centrum. Automated deployment on Azure with a **CI/CD** pipeline.
- Development of a Machine Learning solution in **Python** and **Typescript** for a Dutch governmental organization. The CRISP-DM cycle was followed during this project.
- Created a serious game for Dutch elementary school students with **Typescript**.
- Re-built the website of my school marketing department with **Laravel (PHP)**.

Extracurricular Activities

- Teacher assistant, help first-year students.
- Member of the SV Hello World student association.

Cybersecurity, Anderson University

08/2022 – 12/2022 | Anderson, USA

Cryptography, Programming for Security (**Python**), and Cloud Security (**AWS**)

Extracurricular Activities

- National Cyber League (NCL): CTF competition

Languages

French (Native)

English (C1)

Projects

Spell Store, Mobile application

Android/IOS application built with Flutter. Built for a student association (Spell, Grenoble INP - Phelma), the application has accumulated over 300 downloads.

Certificates

- AWS Certified Cloud Practitioner