**Jafar Shamsiyev**

**CyberSecurity Developer**

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**Introduction**

I’m Cybersecurity focused Software developer with expertise in Python, endpoint security, full-stack development and Linux. Experienced in Network Security, Database Management (MSSQL, PostgreSQL, MySQL, MongoDB) and working with Windows/Linux/UNIX environments. Highly adaptable to diverse teams and work environments, with a strong ability to manage tasks efficiently and solve problems effectively. Committed to continuous learning and dedicated to delivering high-quality results through hard work and persistence.

**Projects & Experience**

**Hackeye.io - Cybersecurity Software Developer**

* Designed, developed, and maintained a cybersecurity platform using Python and REST APIs, ensuring secure and efficient data exchange between services.
* Led the software architecture design, optimizing system performance, scalability, and security to meet business and technical requirements.
* Built and implemented a CI/CD pipeline, automating testing, deployment, and monitoring processes to streamline software development and delivery.
* Integrated security best practices into the development workflow, enhancing the platform’s resilience against cyber threats.
* Collaborated closely with cross-functional teams to troubleshoot, optimize, and continuously improve the platform’s infrastructure and security mechanisms.
* Managed **MongoDB databases**, ensuring data integrity and efficient performance across the platform.

**Trionet – Cybersecurity Researcher**

* Conducted in-depth cybersecurity research on emerging threats, vulnerabilities, and defense strategies.
* Performed threat analysis, assessing risks and identifying potential attack vectors to enhance security measures.
* Authored detailed technical documentation on cybersecurity topics, best practices, and research findings.
* Analyzed security incidents and contributed to the development of mitigation strategies.
* Managed MongoDB databases, ensuring high availability and efficient data management.

**Mopsn – Full-stack Developer**

* Developed and maintained mobile applications and backend services, ensuring seamless functionality and performance.
* Managed server-side operations on GCP and later transitioned to AWS, optimizing cloud infrastructure for improved scalability and cost-efficiency.
* Administered and maintained the MSSQL database, ensuring data integrity, security, and performance optimization.
* Implemented security measures to protect applications, backend systems, and user data.
* Maintained and updated the company website, optimizing performance and user experience.
* Led the deployment process, automating and streamlining CI/CD pipelines for efficient software releases**.**

**Formula 1 - Support & manager team**

I was in the Formula 1 prize giving ceremony ( <https://www.formula1.com/en/video/max-verstappen-and-christian-horner-accept-world-titles-fia-prize-giving-ceremony.1784755542516775992> ) that was held in Baku in 2023 as a support team leader and manager of the events. In this event that years winners get their prizes and it’s a 2 day event but before that nearly 2 weeks there a meetings and other events held up for President of Formula and with other guests we were managing that all the events go smootly and all there won’t be technical difficulties. In the last day selected team members were in the ceremony itself to manage and participate as a guest I was in there also and I had a chance to meet with the President of Formula and some other guests I think that it was a great experience for me.

**Awero – Project manager & frontend developer**

Awero was our hackathon project that we went. We built our demo in 2 days during hackathon and presented it. We didn’t get the first place we got second place. After hackathon mentors approached us and asked us if we can build the project fully. We did it in 3 month with the functionalities they wanted and after some meetings and presentations government offered to buy the project from us. It was a cybersecurity awareness platform for companies I can’t go to much of a detail. In the project I built

Website and platform itself using react tailwind css next.js node.js python and go , tho I was frontend developer I did some backend jobs too that’s why I mentioned these

**Education**

[**Baku Business University**](file:///C:\Users\W\Downloads\bbu.edu.az) **– Computer Science – Bachelors**

* Relevant coursework: Mobile Development, Java Programming, Python Programming, Cybersecurity, Software Engineering, Database Management
* Developed practical skills in mobile app development and backend programming with Java and Python
* Gained a solid foundation in security practices for software development and systems protection

**Azerbaijan Cybersecurity Center (**[**akm.az**](file:///C:\Users\W\Downloads\akm.az)**) – Certification**

* Studied a wide range of **cybersecurity topics**, including **Python programming**, **networking**, **OPSEC**, and **security gateways**.
* Gained practical experience in **Pentesting** with a focus on **Active Directory** and **wireless networks**.
* Learned **Linux security**, including **Linux for Red**, and **PowerShell** for scripting and automation.
* Conducted hands-on exercises in **Red Team operations**, **network security**, and **incident response**.
* Developed skills in **Active Directory management** and **penetration testing** to identify and mitigate security vulnerabilities.

## [Państwowa Akademia Nauk Stosowanych w Nysie](https://www.bing.com/ck/a?!&&p=cd7e227ea5c5d5bb714829ac9ef3d28b6a1d66419975fcac9894f0b98b85c8d3JmltdHM9MTc0MTEzMjgwMA&ptn=3&ver=2&hsh=4&fclid=3c1157f4-8d9e-6df3-2f52-42698c4c6c0c&psq=pans+nysa&u=a1aHR0cHM6Ly93d3cucGFucy5ueXNhLnBsLw&ntb=1) **– Exchange Program – Computer Science**

* Studied programming in Python and Java, building strong foundations in software development.
* Gained practical knowledge in database management and data structures.
* Learned the fundamentals of Artificial Intelligence, including machine learning algorithms and their applications.
* Developed problem-solving and analytical skills through hands-on coding exercises and projects.

**Skills**

**Technical Skills**

* Programming Languages: Python, Java, PowerShell, SQL, Flutter
* Cybersecurity: Network Security, Penetration Testing, Incident Response, OPSEC, Wireless Pentesting, Active Directory Pentesting, Malware Analysis
* Web Development: HTML, CSS, JavaScript, React, Flask, FastAPI, RestAPI
* Databases: MSSQL, MongoDB, PostgreSQL, MySQL
* Cloud Platforms: AWS, GCP
* Operating Systems: Linux, Windows, UNIX
* Tools and Frameworks: Docker, Git, JIRA, CI/CD, Agile

**Soft Skills**

* Problem-solving and critical thinking
* Strong communication and collaboration skills
* Adaptability in fast-paced environments
* Time management and prioritization
* Continuous learning and self-improvement

**References**

[**Khayyam Masiyev**](https://www.linkedin.com/in/khmasiyev/) **– Academic Manager at** [**Akm.az**](file:///C:\Users\W\Downloads\akm.az)

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