Experienced Software Engineer

Python \ Java

**Avia Cheriker**

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**Summary**

* **4+ years of experience** as a **Software Engineer & Cyber Security R&D** in **high-tech SaaS companies - Synamedia, ExLibris**
* Proficient in **Python**, **Java**, **AWS** tools (**Lambda**, **Athena**, **S3**, etc.), **Git** & **GitHub**, RestAPI, **SQL,** and **Jenkins**
* Strong understanding of **Agile Software methodologies**, design principles, and **code review** best practices.
* Skilled in **OOP**, refactoring **legacy code** using, and integrating **Docker** for **CI/CD**.
* Rich background in **Data Structure, Algorithms** (Searching, Sorting, Compressing, Crypto, Etc.)**,** and **Networking.**
* Experience in **multi-threading, async** programming, SQL, **C, C++,**  HTML, CSS, and **JavaScript**.
* **B.Sc in Software Engineering**, Graduated with Honor (GPA: 97)
* Highly motivated with excellent communication skills, and the ability to collaborate with developers from abroad and other teams in the department.
* **Award-winning** participant in the company **hackathon**.
* Proficiency in **English.**

**Experience**

2022 - 2023  **Python Developer / Cyber Security R&D**, **Synamedia**

* **Developed using Python 90% of the time.**
* **Designed** and **developed** automated and modular **ETL** **pipelines** using **Python**, **AWS** tools (lambda, Athena, S3), and more.
* Developed Web scraping (using web crawlers), **POCs**, Threading & **AsyncIO** programs to generate threat **intelligence** and **conduct analysis**.
* Updated legacy code: **OOP** refactors, **Docker** integration for **CI/CD**, new features, and bug fixes.
* **Researching signatures** of platforms on servers, creating a **POC** for them, and **implementing** them into existing tools
* Demonstrate a commitment to **cross-functional** collaboration by actively engaging with other teams, both within and outside the department.
* Winning **First place** in the company's **hackathon**, showcasing innovative **problem-solving** skills.

2018 - 2022 **Software Engineer, ExLibris**

* Proficient in both **Java** and **Perl**, with extensive experience in **designing** and **developing** **software solutions** and **internal tools** from scratch.
* Communicated with developers from abroad.
* Worked with **Agile methodologies**.
* Elevated the functionality of **internal** and **production tools** by updating **legacy code**, **implementing** new features, and addressing issues beyond the department's scope.
* **Collaborating** closely with both **internal** and **external** teams.
* Winning **Second place** in the department's **hackathon.**

**Education and Courses**

2014 - 2018 **B.Sc in Software Engineering**, Azrieli College of Engineering, with honors (GPA: 97)

2019 **Penetration Testing Course**, Workin College

* Reconnaissance, Network attacks, Web application, Wireless, Exploitation

**Skills**

* Programming Languages - **Python, Java,** **C, C++**, Perl, HTML, **JavaScript**, CSS, **TypeScript**, **SQL**
* Development Environments - **Eclipse**, Visual Studio, **PyCharm, IntelliJ** IDEA
* Databases - **Oracle**, MariaDB, Athena (**AWS**), **MySQL**
* Operating Systems - **Linux, Windows, Mac**
* Version Management Systems - **GitHub**, Bitbucket, CVS
* Technologies and more - **Angular2**, HeidiSQL, SQL Developer, **JIRA**, Jenkins**, AWS**, DigitalOcean, **Dockers**, Firebase, **Postman, Wireshark**
* Familiar with - Django, Flask, PyTest

**Army Service**

2012 - 2013 Children & Youth boarding school, Giv'at Ada

2013 - 2014 A clubhouse for youth at risk,Tel-Aviv

**Languages**

**Hebrew** - native | **English** - proficient

**Volunteering work**

2020 - Today Animals Rescue