Software Engineer

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**Summary**

* **3 years** of experience as a **Software Engineer** at **Check Point**
* Holda **B.Sc. in Bioinformatics** fromBar-Ilan University.
* Proficient in **C, C++, Java,** and **Python** with experience in **network security** and **backend** development.
* Skilled in building **RESTful APIs, automation testing,** and **LLM-based** fuzzing tools.
* Experienced in **Linux** environments, **Docker, Git,** and **performance optimization.**
* **Led Agile implementation,** improving delivery speed and team collaboration.
* Hands-on experience in **data analysis** using **Pandas** and **NumPy**.
* Experience in building scalable, reliable solutions with clean, modular design using **OOP** principles and a strong focus on **code quality**.

**Work Experience**

2022 – 2025  **Software Developer**, Check Point

* Tech Stack: **C, C++, Java, Python, JIRA**
* Worked in an **Agile environment**, contributing to large-scale, fast-paced development cycles.
* Developed high-performance network security features using **C** and **C++** in a **Linux** environment.
* Built **RESTful APIs** for security policy installation using **Python**.
* Developed automated testing frameworks for application features using **Java**.
* Participated in the **architecture design,** development, and deployment of **large-scale projects.**
* Conducted **code reviews** and collaborated with **cross-functional teams** to ensure code quality and consistency.
* Implemented **fuzz** testing automation using Python and **OpenAI LLMs**.
* Managed multiple large-scale projects simultaneously, meeting tight deadlines and project goals.

**Education**

2019 – 2022 **B.Sc in Bioinformatics**, Bar-Ilan University

**Projects**

2025 **Fuzzer Automation Testing with LLM Project - Python, OpenAI,** and **Git**

* Developed with **Python**, **Open-AI,** and **Git;** Used **LLM agent** creating fuzzing networking automations.
* It includes fuzzing requests and response packets, adding TCP events, etc.
* Experience with distributing tasks to team members; Worked with HAR file and fuzzing technology.

**Technical Skills**

Programming Languages: **C/C++, Java, Python**  
Development & Tools: **Git, Linux, REST API,** Automation Testing, **LLM-based Fuzzing**, Networking Familiar with: **MySQL, GitHub, Postman**   
Problem-Solving: Debugging production code, Core analysis, Performance optimization

**Languages**

**Hebrew** - Native **English** - Fluent