Software Developer

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**Summary**

* **5 years of experience** as a **Software Engineer** with a **B.Sc. in Computer Science** fromThe Hebrew University
* Proficient in **Java** and **Python,** hands-on with **C, C++, CI/CD, JavaScript, Node.js, SQL**, **MongoDB**, and **Pytest**.
* Skilled in **client-server architecture**, **Agile** methodologies, debugging, **API testing**, and performance optimization across **Windows** and **Linux**.
* Collaborated with **cross-functional** teams to deliver high-impact, scalable solutions.
* Designed and built a robust, automated test environment that **achieved a 100% reduction in software data loss** and boosted productivity.
* **Highly motivated**, independent, **fast learner** with excellent **communication** and **teamwork** skills.

**Experience**

2020 – 2025 **Software Engineer**, Synamedia

* **Technologies: Java, JavaScript, Python**, Pytest, GitHub Actions, GitLab CI, Android TV, emulators, real devices, **CI/CD**, **API testing**, regression testing, **Agile, Windows, Linux,** stress testing, scalability testing, performance testing.
* **Designed** and **developed** a robust testing framework that **eliminated software data loss** (achieving a 100% reduction compared to the previous solution) while maintaining optimal **performance, stability,** and **reliability**.
* Built a **server–client architecture** with a **Java-based** client for executing test requests and a stable, integrated **JavaScript** server.
* Implemented **CI/CD** pipelines with **GitHub Actions** to automate code building and testing workflows, significantly improving efficiency and developer experience.
* Collaborated with **cross-functional teams** to develop **Python** tests using the **Pytest** framework, focusing on **API testing**.
* Integrated the test suite into **GitLab CI** for continuous integration.
* Executed both manual and automated testing, including **regression**, stress, **scalability**, and performance tests.
* Experienced in **Agile software development**, with a strong focus on design, testing, **code review**, and delivering clean, maintainable code to ensure overall software quality.
* Maintained **high code standards** through clear documentation and **best coding practices**, reducing debugging time and improving team efficiency.
* Created **targeted logs** and performed effective **debugging** and **maintenance**.
* Worked with both **Windows** and **Linux** operating systems.

2018 - 2019  **Computer Science Mentor**

* Private lessons to prepare high-school students for the Bagrut test in computer science.
* Achieved remarkable success, as the students experienced a 20-point increase in their grades.

**Education & Courses**

2016 – 2020 **B.Sc. in Computer Science**, The Hebrew University of Jerusalem.

2024 **Node.js, Express, MongoDB & More: The Complete Bootcamp**, Udemy

**Socially Impactful Hackathon Project**

* Developed a **Java-based application** during a hackathon focused on improving community life.
* The app supports new immigrants by scanning utility bills, detecting company logos, automatically translating the content, and generating direct payment links.
* Implemented **machine learning techniques** and **OpenCV** to recognize and process various invoice formats, enhancing financial accessibility and efficiency.
* **Technologies:** Java, OpenCV, Machine Learning

**Skills**

**Programming Languages:** Java, Python, C, C++, JavaScript, TypeScript, Node.js, SQL, Racket (Scheme), Prolog, Haskell, Godot

**Web Technologies:** Node.js, JavaScript, TypeScript, JSON

**Tools & Platforms:** Android Studio, Visual Studio, VS Code, JETBRAINS IDEs (PyCharm, CLion, IntelliJ IDEA), Eclipse, Git, GitHub, GitLab, SVN, JIRA, Confluence, Gradle, Postman, Wireshark, Linux,

**Databases & Scripting:** MongoDB, Bash

**Testing Frameworks & Mobile Development:** Pytest, Android

**Networking** & **Operating Systems:** Windows / Linux, Wireshark

**National Service**

2014 – 2016 **Applications and Technology Department**, Ministry of Defense

* Worked on the **development of a digital invoicing system**, including the creation of detailed system specifications.
* Collaborated with **cross-functional teams** such as QA, B2B partners, and the Finance department.
* Collaborated with the **Security Department**, providing support for internal systems and contributing to special projects.
* Received an **award for** **outstanding service**, recognized in a ceremony honoring soldiers and national service volunteers.
* Received a **Certificate of Excellence** and commendation from the head of the Applications and Technology Department for exceptional performance.

**Languages**

**Hebrew** – Native Speaker I **English** – Proficient