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Languages – Hebrew (Mother-tongue), English (Fluent).
GitHub: https://github.com/GadWissberg

Gad Wissberg - CV

About Me:

A highly motivated **autodidact** with work ethic. Open-minded and experienced in stressful situations. Very friendly, believe in teamwork, helping others and looking forward to progress. Can work alone or as a part of a team.

Employment Experience:

2022-: Full-time backend development at Riskified:

-   The technological stack: Mainly backend - The services are written in **Typescript** and **Scala**, with **PostgresQL** and **Snowflake** for persistence, **Redis** for caching, **Git** for version control and **Docker** for local containerization. Writing **REST** APIs for synchronous communication and **Kafka** for asynchronous communication. Some of the jobs required frontend in AngularJS. The whole development takes place in **MacOS**, in a **microservices** environment which includes creating, maintaining services and breaking down the monolith.
-   Working in various environments: staging, sandbox and production. This includes monitoring logs, defining alerts and inspecting dashboards. This includes using various development services such **AWS** (mainly **SQS** and **S3**), **Grafana** and **Kubernetes**.
-   Leading development for certain features and integrations. This includes research, meeting with co-workers from other teams such as product, BI, data and integration engineers. Finally, creating a system design to feature the requirements while taking into account the existing architecture and fault tolerance.
-   The development is in **Agile** with the traditional procedures - breaking down the epics into tasks, planning, refining and eventually implementing code with various testing scopes. In addition to that, adding relevant monitoring dashboards. When done, presenting via a demo session.
-   Extensive work integrating with third-party services (mainly payment service providers). This includes researching the available APIs, communicating with representatives when needed and developing the business flows that integrate with the third-party service.
-   Participating in on-call shifts via PagerDuty. This consists of collaborating in collaboration efforts between teams, supporting relevant stakeholders by fixing bugs, inspecting logs and guiding technical procedures which are needed by certain peers.

2020-2022: Full-time backend development at Viaccess-Orca:

-   **Java backend development,** using **Spring Boot** in a microservice architecture. Development includes **REST** APIs, implementing features from the high-level design (including **Swagger**), through low-level design, implementation, writing tests in all scopes and performing stress-tests (analyzing network, CPU, DB usage).
-   Implementations include **MongoDB** and **OracleDB** for persistence and **Kafka** for asynchronous messaging.
-   This includes analyzing and debugging Kafka integration.
-   Handling support requests - Investigating and fixing bugs.
-   Presenting demo sessions to relevant audiences for new features implemented by me and teammates.
-   Development and deployment in **Linux CentOS** and Windows environments.

2017-2020: Part-time (60%-80%) software development at Algosec: Working as a FullStack (Mainly on the back-end, about 70%) developer as part of Algosec Fireflow product team:

-   **Java back-end development,** in **Spring Boot** including development of REST API's, networking-related services and controllers and unit/system tests (Mockito, JUnit). Also, refactored Perl legacy code to Java.
-   DB Development & management using **PostgreSQL.**
-   Investigating product's log files produced in client's machines in order to reproduce and fix bugs.
-   Fair frontend experience development in JS, AngularJS and Angular 9.
-   Full teamwork in **Agile** routine consisting of a variety of personnel such as QA, developers, UI & UX and PM's.

2014-2015: Software development in a start-up called Sociopal:

-   Client-side Java development in native environment for **Android**.
-   Teamwork in a development, staging and production environments with QA, developers, UI & UX and PM's.
-   Experience with auxiliary development services and tools such as analytics, crash reporting and SVN.

2012-2014: Military: Voluntary service at the intelligence force - highly classified operational unit at Givatayim. **Python** development – Writing GUI's, scripts and automations.

Education:
-   **2017-2020: Computer Science BSc** at the technological institution HIT in Holon – **GPA of 85**.
-   **2012-2014:** Data communications training at the IITC College within the military service.
-   **2007-2010:** Full graduation at Campus KS Holon. CS class – 5 units at CS, physics, math and English.

Checkout my homepage for tutorials
I wrote and personal projects in Kotlin and Java:
https://gad-wissberg.netlify.app/