**NOAM ASNER**

**Personal Details:**

**Address:** 125 Waitzman St. #1 Tel-Aviv

**Email:** noamasner@gmail.com

**Phone:** 054-9466188

**Summary:**

I am a results-driven and creative Software Engineer with excellent communication skills. I have 15 years of experience in software development. I’m looking for a dynamic workspace where I can continue to solve challenging problems and improve my skills.

**Computer Skills:**

Languages: Java/J2EE, C/C++, SQL, HTML, XML.

Technologies: EJB, Servlets, JMS, JMX, Web Services, JDBC, Hibernate, ANTLR, JavaCC, Junit, TestNG, REST, Spring

Operating Systems: Windows, UNIX, Linux

Databases: MySQL, Oracle, SQL Server, Cassandra

Tools: Eclipse, MySQL workbench, PuTTY, WinSCP, SVN, GIT, MVN, ANT, UML

**Professional Experience:**

 **GlassBox Digital, 06/2018 – Current**

 An enterprise analytics platform that analysis digital customer interaction.

* A member of the backend team that is responsible for the incoming user interaction events, the persistency layer and REST API that is exposed for UI.
* Designed and implemented features related to user sessions.

 **Cancun Systems, 04/2017 – 01/2018, Principal Engineer**

A memory platform that allows applications to access data from disk at memory speed by making intelligent use of available resources across memory and storage.

* A member of a distributed file system cache project. Based on an open source project “Alluxio”.
* Designed and implemented a file compression feature for cached files.

 **ScaleArc, 10/2015 – 02/2017, Principal Member of Technical Staff**

A database load balancerwhich enables apps to be always on, always fast and scale anywhere. “ScaleArc” software supports MySQL, SQL Server and Oracle and is written in C/C++.

* A member of the research team that researches the feasibility of future requirements, which eventually become the cornerstone of feature design. My main research was supporting transaction load balancing.
* Redesign and refactor an existing analytic project.
* Add support for transaction analytics to the analytic project.
* Code review of fellow peers.
* Support customers who use the “ScaleBase” product.

**ScaleBase (acquired by ScaleArc), 10/2010 – 06/2015**

A distributed database built on MySQL which enables businesses to scale out their traffic to an unlimited number of users, data, and transactions. “ScaleBase” software is written in Java.

**01/2013 – 10/2015, Software Architect:**

* Write high-level design documents describing components’ interfaces and communication between them as well as low-level design documents describing features’ details with classes and code flow.
* Enhancing the core engine by adding support for cross-cluster execution. SQL commands that require cross-cluster execution includes joins and subqueries.
* Took part in the design of an “online re-shard” mechanism which adds or removes shards while keeping the “ScaleBase” proxy available. This required adding a synchronization mechanism within the core engine.
* Took part in the design of “ScaleBase Djini”. An AI tool that analyzes a customer’s schema to suggest an optimal distribution policy.
* Technical guidance on a day-to-day basis including code reviews.
* Supporting the QA team by helping define test cases and guidance for executing complicated test cases.
* Help product management to understand customers’ needs and consolidate into requirements.
* Troubleshooting problems coming from customers in a timely fashion.

**10/2010 – 01/2013, Senior Software Engineer:**

* First developer at “ScaleBase”
* Designed and developed “ScaleBase” Proxy from scratch, which included parsing, analyzing and executing SQL commands, and aggregating responses from multiple sources as well as a connection management framework to MySQL nodes.
* Architected strategies for logically distributing customers’ data.
* Worked with beta-customers to refine market needs.

**BMC, Software Engineer, 6/2004 - 6/2010**

* I was a member of the BMC Incubator Team, which leads innovative projects in the IT domain.
* Server side development in J2SE/J2EE environment.
* Worked with databases including schema design and writing SQL scripts.
* Technology research and proof of concept of innovations and future product requirements.
* UML methodology based design.

**Major projects:**

* **Researches** related to “cloud” and “virtualization” concepts. Among others, verified the feasibility of exposing a BMC’s product as a service (SaaS) in a cloud environment. (Amazon EC2); Developed a proof of concept demonstrating capacity management concepts i.e. provisioning virtual machines on demand per a predefined policy.
* **“Bladelogic”** – Datacenter configuration and automation. Developed compliance-verification feature based on a rule-engine and an in-house rule-language.
* **Transaction management** – End-to-end monitoring of business transactions for problem detection.Developed infrastructure components and product features.

**Education:**

**1999-2003:** B.Sc. in computer science at Ben-Gurion University. (Israel)

**1991-1994:** “Eshel-Hanasi” high-school. Physics-Computers orientation. (Israel)

**2004-2010:** Various courses in Advanced Java & J2EE topics, Extreme Java, General Design patterns & J2EE design patterns, UML, Byte Code Instrumentation, Web Services.

**Military Service:**

**1995-1998:** Mandatory service in the Israeli Defense Forces (IDF). My role was a criminal investigator, as part of the military police.

**Languages:**

Hebrew (Mother tongue), English (Very good), Spanish (Basic)