CURRICULUM VITAE

Avi Sadde – Software Engineer

B.Sc Computer Engineering (Technion). Specialization: Software Engineering.	Hebrew - Mother Tongue. English - High level of speaking, reading and writing. Recommendations will be provided upon request	**sadde1@hotmail.com** **sadde.vanaga.net** **0524668688** **Yoqneam Illit**

Summary: For 27 years as a software engineer, I worked in software development in diverse environments.

I have self-study, team work and independent work skills. Focused, creative and "outside the box" thinking. In the workplaces where I worked, they used to call me a "human debugger" - identifying, finding and solving bugs, even the most elusive ones. Often, other projects and teams also benefited from my debugging skills. Over the years I have been greatly appreciated and rewarded for my achievements and my contribution to the advancement of the projects I worked on.

Work Experience

2021-2023 MyRecord:

Version MVP 1.x (open to general public) After the success of the "lab" (Ver. 0.x), I took part in the definition and characterization of a new version for both Android and iOS, that was implemented by a newly formed development team, based on JS (typescript) and react native.

I also received responsibility for troubleshooting and quality control of the new versions.

Version MVP 0.x ("LAB" - Limited target audience) Development of "My Record" App based on "Vánaga" app. *A social network based on audio stories.* Many features were added to "Vánaga" to meet the "My Record" requirements, including recording/playing audio, displaying on maps, professionally designed UI/UX and distribution via "Google play"

2017-2021 Vánaga

Independent development of an advanced social network application, which includes a server, databases, user registration and management. An application in MVP architecture and separation between the business logic (BL) and the user interface (Android). Communication based on Http Web Request and Firebase Cloud Messaging.

The network allows the characterization of users/groups/conversations/topics/areas/... according to a variety of precise and exclusive criteria. Thus, users of the network are able to search, filter, and find content more effectively and accurately.

The development is done in the Visual Studio/Xamarin environment in the C# language, the server contains scripts in PHP and a MySQL database.

2002-2015 SanDisk:

Insight Development of recording, analyzing and displaying of logging files of Flash Memory devices.
The application is GUI-based with dynamic Gantt charts, tabular and graph displays and with
variuos control and command screens.
Working with many clients, interfacing with various applications and development teams.

Oscar Development of a lab management system, consisting of a server that manages multiple testing
stations. Each station has application management software to control various testing
applications and methods for testing Flash Memory devices.
All is accessible via GUI-based client software that runs in any web browser.

Scripter Development of scripting software for testing Flash Memory devices. Writing a cross-platform
library and a GUI for Windows. Writing the requirements, spec and implementation.
The system included (three generations of) a GUI application, a scripting engine embedded in
other applications as well. Interfacing with SanDisk's software infrastructure and drivers.
Also, development of a GUI engine, for displaying scripts data, that was also embedded in
other applications as well.
My work was characterized by developing generic code that enabled the re-use of components
in various modules, and also developing infrastructure for fast (and even automatic) creation of script
objects.
This application is still in use today, 25+ years after it was developed!

1999-2001 Impulse Dynamics: Development of GUI software for medical apparatuses. Multi-threaded
systems for controlling and monitoring real time devices.
Writing a MFC library for generic GUI components.
Components were used in several projects.

1997-1999 Elbit Systems: Development of MMI software for a large army project. A system with many
processes, communications and databases. Developing graphical components, operation screens, planning
and execution in a variety of areas.

1995-1997 ArelNet: Started as a part time (student), performing software testing and development of a
Load-Simulator for the *i***-Fax** system.
Later on, I joined the development team and worked on small modules and features. Eventually I became a
full time Software Engineer, planning and developing new modules, solving bugs and continuous
development.

Work environments:
Visual studio: C#, C++, C, Console Applications, InstallShield, MFC, COM, WCF, ASP.Net, WinForms,
Xamarin, HTML, PHP, SQL Server (MySQL), Windows, "DOS" batch files, UNIX X/Motif.