

LinkedIn URL: <http://www.linkedin.com/in/nkanovsky>

## **LinkedIn Recommendations:**

### **Senior FPGA Engineer at VisionMap:**

Nachum did a great job at VisionMap. He was responsible for several very complex development tasks (FPGAs), which were completed very rapidly and in very high quality. In my opinion Nachum is very effective and is definitely one of the best FPGA engineers I have ever come across. I was very sorry that he chose to leave VisionMap due to personal reasons. I have no doubt in my mind that Nachum will be extremely valuable in his next position as well!

Yaron Vilan  
Chief Executive Officer  
VisionMap  
Managed Nachum indirectly  
August 24, 2009

### **Senior SW & FPGA Engineer at Mango DSP:**

It has been my pleasure to have Nachum as my colleague for the past five years. He is one of the finest programmers and debuggers I have ever met, particularly in the area of low-level programming. He has written rock-solid device drivers for a wide range of operating systems, from Windows to Linux, Solaris, VxWorks, as well as various DSP systems. He is the company guru when it comes to figuring out how to interface with a particular hardware element, and is also the person to turn to when an obscure bug strikes; he will usually very quickly find bugs and performance issues (in others' code) which would easily take other engineers weeks to find. Nachum is a very fast learner; being interested in hardware, he took a VHDL course and began debugging (and sometimes completely rewriting) FPGA designs that were written by engineers with many times his education and experience - with superior results. Nachum is also very diligent, and will not give up on a task. He has been known to work from home, working on a project even on his own time, during hours in which most people would be long asleep. Nachum is well suited for a team-leading position, having a good understanding of the "big picture" of how a system should be designed. He would be an asset to any organization.

Itay Chamiel  
Real Time Software Engineer  
Mango DSP  
Worked directly with Nachum  
September 6, 2007

Since I've known Nachum he has been the man everyone turns to when they have given up, when solving the bug is beyond normal human ability, or when the hardware needs to be "shaken up" or rewritten. When I ran into problems and turned to him he would guide me in a way which simultaneously allowed me to learn and also led to a complete and thorough solution. On the other hand when the problem necessitated his intervention he would work on it until either smoke came out of his ears, or he found the solution (whichever came first). He has an unusually high level of ability to understand and absorb new concepts which enables him to discover the most elusive bugs by fixing or rewriting the code when necessary (regardless of language) and solving the problems in the most comprehensive way. He has legendary drive and commitment making him work till the latest hours of the night (or the next morning) in order to solve seemingly impossible problems. I am sure that wherever he will work, he will establish new standards in development ability and problem solving, and will contribute in a most effective way to the success of the organization.

נחום, מאז שהתחלתי לעבוד במנגו, היה האדם אליו פונים כשכולם כבר התייאשו, כשהבאג כבר עבר את גבול התייעוד והיכולת האנושית הרגילה, או כשהחומרה צריכה "ניעור" וכתובה מחדש. כאשר נתקלתי אני בבעיות שפניתי איתן אליו, הוא מצד אחד ידע להוביל אותי במסלול לימודי עד לפתרון המלא מתוך ידע והבנה, ומצד שני לשבת כשצריך ולשבור את הראש עד שיעלה עשן, או עד שהפתרון ימצא. (מה שיבוא קודם..). יש לו יכולת לימודית וקליטה בלתי רגילה, המאפשרת לו לגלות את הבאגים החמקמקים ביותר ולתקן או לשכתב את הקוד (ולא משנה באיזה שפה הוא..). בצורה בה הבעיה תיפתר מהיסוד, על הצד הטוב ביותר. יש לו נחישות ודבקות אגדית במטרה, הגורמים לו לעבוד עד השעות הקטנות של הלילה (או של הבוקר למחרת) לקראת פתרון בעיות בלתי אפשריות. אני בטוחה שבכל מקום בו יעבוד, הוא יקבע סטנדרטים חדשים ליכולת פיתוח ופתרון בעיות, ויתרום להצלחת הארגון בצורה משמעותית ביותר.

Inbal Regev  
Real Time Embedded Software Engineer  
Mango DSP  
Worked with Nachum  
January 7, 2010

Every company has its own software messiah, the one that can debug any program, code in every possible language and work with every OS in the world. Nachum is one of them. Being a electrical engineer for many years and specializing in embedded projects gave me many opportunities to work with software engineers. But only work with Nachum made me realize, that if you try hard you can be a good programmer but you never can be a genius. Because geniality is a quality that you have to be born with. Nachum has this special blessing about him. His work is a constant source of admiration and learning for me.

Stan Veksler  
Senior Electronic Engineer  
Mango DSP  
Worked with Nachum  
July 30, 2008

I worked with Nachum for about 4 years. From the fist day I found him to be an exceptional, skillful, and devoted programmer. Nachum's work is very thorough. He learns all the nuts and bolts of every software and hardware module that his work is linked to. When I first started working with him he worked on the software team and wrote infrastructure software for our products. After some time he decided to transition to FPGA design. He worked very hard and became an expert in VHDL and made substantial contribution to the company in this field. Nachum is also known as a problem solver. When debugging any tough bug he would join in, quickly learn the environment and help us solve the issue. I would recommend him both as a skillful programmer and excellent hardware engineer.

Yishay HaYardeni  
Software Group Manager  
Mango DSP  
Worked directly with Nachum  
January 7, 2010

I have worked with Nachum for more than 6 years at Mango DSP Ltd. I have to say that Nachum is a real professional and a very unique person, with phenomenal capabilities in software, firmware, and FPGA development. Nachum is a very fast learner with exceptional abilities and original thinking. Nachum's primary objective has always been to deliver high quality results in the required time frame. I can personally say that Nachum has been involved and taken critical part in the development and debugging of some very complicated DSP and FPGA products at Mango DSP Ltd. Without a doubt, Nachum is the best engineer that i have ever met. It is true to say that almost the entire company benefited from his skills. I am appreciative of the time I had to work with Nachum and I would be glad to work with him in the future.

Stan Margolin  
Research & Development Hardware Manager  
Mango DSP  
Managed Nachum indirectly  
January 6, 2010

I enjoyed working with Nachum at Mango DSP Ltd. We were in the same group for almost 4 years and had a very good relationship. Besides being co-workers we were also friends who lived in the same neighborhood and hung out a few times during weekends and holidays. Professionally, Nachum is the one to go to when you have a bug which you can't deal with. He has the abilities to dive into the problem, isolate it from other tasks and modules in the system, reconstruct the problem in a small test application, and usually the solution then becomes very straight-forward. He helped me a few times with some hard issues during high priorities crises, even though he was busy himself. Nachum learns very fast, the fact that a software developer can become a senior FPGA expert in very short time is proof.

Moshe Shimoni  
DSP engineer  
Mango DSP  
Worked directly with Nachum  
January 7, 2010

Nachum was the SW guru of MangoDSP. His office was the "temple" that all other programmers visited to seek advice. He has amazing intellectual abilities. I especially remember how he programmed by touch typing while looking and talking to me about a completely different subject. His phenomenal abilities and uncompromising dedication make him the great programmer that he is.

Assaf Milwidsky  
Product Manager  
Mango DSP  
Worked with Nachum  
January 7, 2010

Nachum – The Super Engineer. I have worked with Nachum for about 6 years as a co-worker. In all my experience in the market I never worked with anyone like Nachum. Nachum is truly the best bug finder and fixer. He can dig in and find the bug in a system he never saw before, written in a language he never wrote in, and running on an operating system he never touched. If there is new code to write, Nachum will do it faster than anyone else. He is happy to learn anything new as long as it is challenging... He acquires a great and thorough understanding in all the fields he works in. Nachum is an asset to any company that will catch him.

Mati Nahshon  
Embedded Software, Hardware & System Engineer  
Mango DSP  
Worked directly with Nachum  
January 9, 2010

Nachum is one of the most extraordinary and talented people I have ever worked with. He can solve any problem faster than anyone else. And he will work at it for as long as it takes until it's done even if it means staying up all night to do it. I often find myself wishing he was still in Israel so I could call him when I'm stuck on all sorts of things. I highly recommend him to any company.

Bayla Barron  
Hardware Engineer  
Mango DSP  
Worked with Nachum  
January 10, 2010