



MATTIAS SANDSTRÖM

Master of Science, Electrical Engineering

Royal Institute of Technology, 2001

Software Developer, Owner and CEO

Tangix Design & Development AB

Privately held, incorporated April 2005

CONTACT INFO

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EDUCATION

1992–2001 School of Electrical Engineering, Royal Institute of Technology (KTH), Stockholm
Master Thesis in Industrial Control Systems, S3 Department.

1989–2001 High School, Solna, Technical Sciences

SKILLS

Native Swedish speaker. Fluent in English in business and private situations.

Oral and written reporting, presentation and training, both in Swedish and English.

Organisation of work, planning and execution on schedule.

Turning ideas from a sketch/mock-up into a working solution.

KNOWLEDGE

Programming languages:

PHP (CodeIgniter framework), JavaScript (Sencha EXT JS framework), Xojo, C, git, shell-script (bash)

Programming tools:

PHPstorm IDE, Docker, Xojo Studio, XCode, Android SDK, gcc, Sencha Architect, Arduino IDE

Server platforms:

Amazon Web Services, VMware ESX, Linux, Apache, MySQL database administration.

WORK EXPERIENCE

2005–present **Software developer, owner and CEO at Tangix.** Front- and back-end developer specialising in web-based applications. PHP, JavaScript and Sencha framework experiences from multiple projects. Hosting and maintenance of VirtualTester and COPCALC as SaaS for customers. System administration of Linux servers, and MySQL databases. Developing solutions based on EC2/S3/CloudFront Amazon Web Services. Customers in Sweden, France, Germany and USA.

2006–2008 **Solution Architect IT Operations at Micronic Laser Systems AB.** Virtualised the infrastructure using VMware and EMC SAN solution. Project manager for new server-room for hosting 4 42U racks using APC equipment. Compiled plans for BCP and emergency operation of IT Operations.

2001–2006 **Manager IT Operations at Micronic.** Head of a seven person IT department supporting the company's 500 employees spread on more than 10 offices world-wide. Active role in centralising all operations to Swedish HQ. Hands-on experience from network, servers and client computers.

2001 **Working on Master Thesis at Micronic.** Title: "Remote Monitoring of Laser Pattern Generators". Published October 2001.

1998–2001 **Hardware and software systems developer at Micronic.** At the same time organising the IT Operations as part of the company's IPO and listing on OMX-SE in March 2000.

1995–1998 **Hardware and software developer at Micronic.** Specialised in industrial PLC systems and software development.

1993–1995 **Software developer Laplace Utveckling AB.** Projects mainly within industrial control and telecommunications. Pioneered usage of GSM Short Messages Services in Sweden in a mobile fax-system used in a large transportation fleet to send out delivery orders.

INTERESTS

Travels, preferably off the beaten track and in US National Parks (Alaska, California, Utah).

Sweden's nature and archipelago, ocean kayaking, boating.

Volunteering projects involving nature and research.

Arduino hardware for various projects, often in combination with art.

Sailed across the Atlantic from Tenerife to Bralíz on Bark Europa for five weeks as paying crew handling sails, navigation, helm and various maintenance work.

PERSONAL LIFE

Not married, no kids. Living in partnership with my girlfriend since 30 years.

Born 1973 in Solna, Sweden. Swedish citizenship.

Tending our farm in northern Roslagen (65 mi north of Stockholm). Producing solar energy and running a commercial beekeeping business.