



MARTIN ZACHRISON
Kodmagi AB

Prinsessvägen 3A
131 46 Nacka

phone: +46 768 04 4747
email: martin@kodmagi.se

PROFILE

POSITIONS

CEO, STRAWPAY AB — 2014–

I founded Strawpay with two co-founders. Strawpay develops a system for micropayments based on bitcoin. The system is written in Scala/ScalaJs/SBT using Akka and Play Framework, Protobuf and BitcoinJ. We use Ansible and Docker for deploying our services. Apart from designing the system and implementing it, I also setup a CI/CD pipeline using Docker/Travis/Ansible/DigitalOcean. Testing is done with ScalaTest and ScalaCheck.

CEO, KODMAGI AB — 2012–

Consulting at:

1. Axiell 2022-2023, Scala Backend
2. Youmoni 2019-2021, Scala Backend, IoT applications
3. Spotify 2018-2019: Java Backend Developer, -testing, BigQuery, BigTable, Scio
4. Nordnet 2017-2018: Java/Kotlin Backend Developer, Maven, Java8, Kotlin, Oracle
5. Spotify 2017: Java Backend Developer, Payment Settlement.
6. Previa 2016-2017: Integration Java Developer, Apache Camel, Maven, TeamCity
7. Luftfartsverket 2016: Integration Java Developer, RedHat Fuse, Apache Camel, Java 8, Jenkins, Maven, Git Stup of CI/CD
8. ComHem 2012-2014: Integration Java Developer, Java, JavaScript, Bash, Spring, Mockito, Apache Camel, Jdbc, Slf4j, logstash, Junit, TestNG, Tomcat, Maven, Git, Svn, Puppet, Ansible, XML, Json, Jenkins, Sonar.

SENIOR JAVA CONSULTANT, CYGNI AB — 2009-2012

Cygni is a Java Server side centered consultant company. My assignments has been within Telecom, Digital Archiving for Libraries, Point of Sales Systems, Stock Market Analysis. and Credit Rating Systems. Technologies used Java, Spring, Apache Camel, Junit, TestNG, Mockito, SiteMesh, Git, Maven, Hudson, Sonar, Glassfish, Tomcat, Puppet, Ansible, IDE's IntelliJ Idea and Eclipse.

SYSTEMS DEVELOPER, NETWORKS IN MOTION — 2008-2009

Networks in Motion, NIM, sells a GPS application for mobile phones as a service to telecom operators. I've worked with server side development in Python using the Wing IDE.

SYSTEMS DEVELOPER, FJORD NETWORK AB — 2006-2008

I wrote a Java/C++ based SIP telecom services platform from scratch. I specified and purchased all hardware and colocation services as well as installing and configuring the system and OS. As CTO I introduced a XP based development process.

LINUX EXPERT, HP — 2005-2006

I supported the OpenCall unit by keeping track of HP server development and various linux vendors releases. I also investigated virtualization.

SYSTEMS DEVELOPER, HP — 2003-2005

In 2003 HP acquired Pipebeach and I continued with my assignments, see below. We cooperated with other development teams in France, India and the US.

SYSTEMS DEVELOPER, PIPEBEACH — 1999-2003

Java development of a VoiceXML browser. I mainly worked with the database access layers, clustering and configuration systems, using J2EE, Tomcat, Jboss, Jetty, Jgroups, Ant, Jdbc, JUnit log4j and XML. I introduced test driven development and handled the administration of the Solaris servers.

HW DEVELOPER, NET INSIGHT — 1997–1999

I worked with everything from schematics, component selections and FPGA programming, to low level programming. I also administrated the Linux and Solaris servers. I designed parts of ASIC for a DTM switch

SYSADM/RESEARCHER ERICSSON COMPRESSION LABS 1996-1997

I was responsible for the Solaris servers and participated in the development of video compression algorithms. I wrote my first java application.

HW DEVELOPER ELLEMTEL 1993-1996

I wrote Verilog test code for simulation of an ATM ASIC. FPGA programming. I was also a local sysadm for the Solaris servers.

ROTATIONSINGENJÖR, ERICSSON — 1991–1993

A two year trainee program, including 4 month assignment in China.

GITHUB

Some of my public work is available on <https://github.com/cyberzac> and <https://github.com/strawpay>.

EDUCATION

- 2013 Principles of Reactive Programming
- 2012 Functional Programming Principles in Scala
- 2001 Java Certified Programmer
- 1992 M.Sc. Applied Physics and Electronics, Signal and Image processing. Linköpings Tekniska Högskola.
- 1982–1983 Foreign exchange student, High School, York, PA, USA
- I've taken numerous internal courses at Ericsson and HP

KNOWLEDGE

- Languages: Swedish, English and some German.
- Programming languages: Java, Scala, ScalaJs, Bash, Python, JavaScript, CoffeScript, C/C++, Perl, Erlang, VHDL, Verilog
- Source Code Management: Git, Subversion, Perforce, Synergy, CVS
- Bitcoin, Blockchain
- DevOps, Ansible, Puppet, Docker
- GCP, AWS, Digital Ocean, Linode
- OS and technologies: Akka, Play,π Linux, OSX, HTML, XML, LDAP, ISDN, SIP, RTP, GWT, Spring, Apache Camel, Hibernate, TestNG, Tomcat, Glassfish, Apache commons, PXE, TFTP, NFS, NTP, DNS, DHCP, LDAP, OpenSER, YUM, MySQL, Oracle, Postgress, GPS, Hudson, DisplayTag

REFERENCES

At request.

PERSONAL

I fence for exercise. On my vacations I like to ski, ice-skate, sail.