

Curriculum vitae

Karl Morian
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Karl Morian has a broad experience of software development and system integration med starting with an M Sc in computer science, and then on to product development of cryptographic tools and to working as a consultant with document flow, telco, banking and digital payment systems. Platform experience includes Microsoft Windows, Unix, Linux, Symbian and PalmOS. He prefers working feedback-driven with as short release cycles as possible ensuring maximum transparency.

Previous positions and assignments

3 – Business support systems, web and public APIs (spring 2019 – ongoing)

Role: Development, system integration, full stack

Description: Development of the MNO 3's various custom systems, such as self-service portal, invoicing och online shop. Maintaining and development of 3's open API gateway.

Tools: Java, Scala, Groovy, JavaScript, Jenkins, Maven, Gradle, SOA, MS SqlServer, RESTful web services, SOAP.

Landshypotek bank – Systems for managing credit applications (spring 2018 – spring 2019)

Role: Development, system integration

Description: Development of back-end functionality for Landshypotek's credit application systems, based on Evrys purpose-built process framework, as well as web GUI. Integration with third-party support systems, e.g. for credit scoring and collateral estate data.

Tools: Java, Tomcat, Jenkins, Maven, SOA, MS SqlServer, RESTful web services, SOAP.

Giesecke & Devrient – System for collection of statistics from cars via OTA data, mobile data subscription management for embedded SIM (eUicc, IoT) (spring 2016 – autumn 2017)

Role: Development, system integration

Description: Development of functionality for sending and collecting statistical data from a large number of cars from car manufacturer BMW. Development of functionality to manage subscriptions and change between mobile operators on embedded SIM cards (eUicc).

Tools: Java, SpringBoot, Jenkins, Maven, SOA, Oracle DB, RESTful web services, APDU (smart card), SOAP, Couchbase, Micro services.

Extenda – Payment systems (spring 2015 – autumn 2015)

Role: Development, system integration

Description: Development of integration between Extenda's point-of-sales system and physical cash changer for a large french retail chain.

Tools: Java, Spring, Jenkins, Maven, Gradle, Ant, Sockets.

Digital River World Payments – Payment systems (spring 2013 – spring 2015)

Role: Development, system integration, team lead

Description: Development of risk analysis tools for Digital River's different payment systems (Card, IBP, Direct debit and more).

Tools: Java EE, JPA, Jenkins, Maven, Gradle, Ant, Web Services (SOAP+REST), DB2, Hibernate, CXF, SOA, Micro services.

Giesecke & Devrient – Mobile marketing and social media (spring 2011 – spring 2013)

Role: Development, system integration, system architect

Description: Development of StartTrust Adwise, a mobile marketing application based on the SIM card application engine WIB. Integration with the rest of G&D's product suite DP. Test automation from web browser down to programme unit level.

Tools: Java EE, JPA, Java native interface (JNI), EJB 3, Hudson, Maven, Web Services (SOAP), Oracle, JBoss, Hibernate, MyBatis, Vaadin, HtmlUnit, Selenium, Scrum, PostgreSQL, SOA.

Swedish Postal service – Online payments system and web portal (spring 2010 – spring 2011)

Role: Development, system integration, system architect

Description: Development of the service layer for a new common solution for online payments for the Swedish Postal service. Integration with extern Payment Service Providers, invoice handler (Klarna) and ERP (SAP). Development and maintenance of the Swedish Postal service's web portal.

Tools: Java EE, JPA, JAXB, EJB 3, Hudson, Maven, Web Services (SOAP), Oracle, JBoss, Hibernate, BEA WebLogic, Struts 2, Web front-end (HTML, JavaScript, CSS), Ant, RUP, SOA.

TeliaSonera – Telia SurfPort (winter 2009)

Role: Development, system integration

Description: Continuation of previous assignment; Launching of Telia's integration with Spotify.

Postens adressregister – Bizbook (autumn 2009)

Role: Development, system integration

Description: Development of the next generation of PAR's address search service/"CRM-light" Bizbook. Work consisted of a total reconstruction of Bizbook's user interface as well as integration with a payment system and existing backend systems.

Tools: Java EE, JPA, JAXB, Tomcat, Spring, EJB 3, Hudson, Maven, Web Services, MySQL, JBoss, Freemarker, JavaScript, Selenium, JQuery, Hibernate.

B&B Tools – Tools CRM (autumn 2009)

Role: Development, system integration

Description: Extension of av B&B Tool's existing CRM-system and installation at a new site.

Tools: Java EE, CRM-system, Tomcat, Struts, Maven, Ant, MySQL

TeliaSonera – Telia SurfPort (2008 – summer 2009)

Role: Development, system integration

Description: Development of mobile web portals for TeliaSoneras different brands in the Nordic and Baltic countries. The Java-based platform consists of a host of subsystems such as CMS, e-commerce and advertising systems. Work also consisted of supporting and educating local editors in the respective countries.

Tools: Java EE, EJB 3, Spring, Oracle, Maven, Web Services, JMeter, MySQL, CMS-system, Drutt Rendering, Navigation Server, JBoss, Ant, Java SWING, Freemarker, JavaScript, Selenium, Hibernate, JPA, JAXB/JAXP, SOA.

BancTec – Aditro, EDB, PrivatGirot and others (2006 – 2007)

Role: Development, system integration

Description: Consultancy work around the BancTec product suite for high-volume document flow processing. The three main steps being high speed paper scanning and interpreting, processing and long-term archiving.

Tools: Java EE, JBoss, WebLogic, Struts, Oracle, MS SQL Server, insticksmoduler i C/C++, Servlets, JavaScript, Lucene, eFirst Process, eFirst Archive, eFirst Capture, Ant, Java SWING, SOA.

SafeBoot (now McAfee) – Inhouse (2004 – 2006)

Role: Development

Description: Development of SafeBoot's product suite for encryption primarily for Microsoft Windows, but also for PalmOS and Symbian.

Tools: C++ för Windows/Symbian/PalmOS, MFC, Java, SWING.

Progressive AB – Inhouse (1999 – 2001)

Role: Development

Description: Development of an online Texas hold 'em casino.

Tools: Java, SWING, MS SQL Server.

Education

German language, Stockholm university (2017)

M. Sc. Computer science, KTH Stockholm (1998-2003)

Courses and certifications

2008 – Certified Scrum master, Craig Larman.

2008 – Polopoly 9 for Developers