

8/1998 - 1/1999 Siemens Business Services Singapore/Singapore

Software Engineer/Internship

Design and implementation of ETL (extraction, transformation, loading) software for loading historical data into a data warehouse of the Singaporean Tourismboard. Facing a lack of documentation for the structures and the content of more than 10 years of historical data seemed to make it impossible to finish loading the data in time. By using shell scripts for analyzing the input data (ASCII files) and verifying the output, ORACLE ESQL and ANSI C for processing the data on a Sun Solaris workstation this task was accomplished meeting given quality standards (accuracy of data!).

8/1997 - 9/1997 Siemens Business Services Austria-Vienna

Software Engineer/Internship

Development of application prototypes for the banking business using IBM Visual Age for Smalltalk and IBM Visual Age for Java.

8/1990 - 8/1995 Systema Human Information Systems Austria-Steyr

Software Engineer

Systema, headquartered in Steyr / Austria, with multiple european offices is one of the largest vendors of software for hospitals (workflow management, patient administration, laboratory control) in Austria. It offers standard- and custom products for multiple platforms.

At Systema I was challenged as a software engineer and fresh graduate (in electronics engineering) of HTL steyr to learn about software development in a fast paced environment. Fortunately, I was put in a department that was actually developing the tools the application developers later used for creating Systema's software products. Of course I was also involved in application development and on-site consulting to spread gained knowledge troughout other developer teams.

- Development of database applications using DEC/RDB (SQL, ESQL).
- Development of applications for MS Windows (Win16/Win32) using MS Visual C++ (MFC) and Powersoft PowerBuilder.
- Development of multiplatform CASE Tools (code generator, compiler).
- Teaching staff (Programming ANSI C).

EDUCATION

10/1999 Polytechnic University of Software Engineering Austria-Hagenberg

Bachelors Degree

Major courses:

- Programming,
- Project Development,
- Operating Systems,
- Computer Networking,
- Algorithmic Mathematics
- Business Organisation,
- Compiler Architecture

Diploma thesis on Enterprise JavaBeans. This diploma thesis was awarded with the "1999 Best Academic Thesis Award" by the authority of the Council of Science and Education of the Software Engineering Department of the Polytechnic University of Upper Austria.

6/1989 Higher Technical School Austria-Steyr

High School or equivalent

Higher Technical School for Electronics and Communications Engineering, University entrance certificate.

Graduation subjects:

- English, German,
- Hardware/Software - design and development,
- Electronics and Communications,
- Electronic Measuring Technology,
- Electronic High Frequency Technology

SKILLS

C / C++	Expert
Java / J2SE / J2EE	Expert
Visual Basic	Intermediate
PowerBuilder / PowerScript	Intermediate
Smalltalk	Beginner
Active Server Pages	Intermediate
JavaScript	Intermediate
Web Services /SOAP / Web Services Security	Intermediate
HTML / CSS	Expert
DHTML	Intermediate
XML / XSLT	Expert
XML Schema	Intermediate
eclipse Plugin Development	Intermediate
MFC / STL	Intermediate
SQL	Expert
OOD / OOP (UML)	Expert
MicroStrategy Certified Datawarehouse Consultant	Intermediate
MicroStrategy 6, MicroStrategy 7 / SDK MicroStrategy OLAP	
OpenSource Technology(Apache, hibernate, eclipse, springframework, hivemind)	-----
O/R Mapping (Object/Relational Mapping)	Expert
Automated build systems (ANT, CruiseControl, Maven, Maven2)	Expert
Version Management (CVS, Subversion)	Expert

ADDITIONAL INFORMATION

Sports (skiing, snowboarding, half-marathon, scuba diving, mountain biking, jogging, squash), reading.