

CV Dr. Frank Schacherer

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Summary

Worked for more than ten years in high tech and scientific companies, three years as managing director. Extensive international experience (Germany, USA, India and Japan). Successfully executed a take-over, launched a subsidiary and turned around a company. Industry experience in Biotech, Life Sciences and Computer Software. Managed teams between 6 and 80 people.

Specialities

Software development, bioinformatics, information systems. Negotiation, operational execution in organizations. Strategy. Achieving profitable growth in competitive environments.

Professional experience

Feb 2010 – today

Biobase GmbH, Wolfenbüttel, Germany

Provider of biological databases and tools for the life sciences

www.biobase-international.com

Chief Operating Officer (Managing Director)

Managing the Product, R&D, Software Development, Production, Marketing, and IT departments. Responsible for all non-administrative internal operations and jointly responsible for setting company strategy and business development.

- Restructured operations for customer orientation and profitability. Achieved successful turn-around to profitable business, grew revenue by 17% first year.
- Ran ten national and EU sponsored research projects
- Negotiated business agreements
- Introduced agile software development practices
- Launched new product for next-generation sequencing market

Jan 2008 – Jan 2010

Executive Vice President, Business development

Management of the service and biomarker discovery business

Responsible for company-wide project management, QA and QC

- Managed customer projects on biomarker discovery, collection services for pathway, patent, and genetic variation data
- Introduced software testing process and usability testing
- Established and trained distributors in China and Japan
- Product management and marketing, for the Human Gene Mutation Database (HGMD), growing business over 60% year-on-year

Aug 2006 – Dec 2007

Biobase Databases India Private Limited, Bangalore, India

Chief Operating Officer

Built, expanded and managed operations, 30 to 80 people
Responsible for the Indian subsidiary of Biobase

- The Indian subsidiary supports the entire product and service portfolio of Biobase
- Hired, appraised, developed, and retained talent
- Introduced project management practices for software development and customer service projects

Mar 2005—Jul 2006

Biobase Corporation, Beverly, MA, USA

Director

Integrated and managed operations, 7 direct reports, 24 people
Responsible for integration of products and operations

- Integration of the recently acquired US subsidiary
- Introduced service business
- Introduced performance metrics

Jul 2002—Feb 2005

Memorec Biotec GmbH, Cologne, Germany

Provider of microarray data analysis solutions

www.miltenyibiotec.com

Senior Scientist Bioinformatics

Designed, implemented and ran the pathway data analysis system and service business for gene expression data

Aug 2001—Jun 2002

SHS, Cologne, Germany

Provider of IT consulting and CRM solutions

www.shs.de

Consultant

Integrated IT systems and developed Oracle databases for the telecommunications industry

Jan 2001—Jul 2001

Biobase GmbH, Wolfenbüttel, Germany

2001

Vice President Network Modeling

Product management, leading the pathway database group, 6 people

2000

Software Developer

Developed and integrated database-driven information systems and web interfaces for biological pathway data

Education

2007

Project Management Institute, USA

Project Management Professional (PMP) certification

1998—2000

GBF & Technical University, Braunschweig, Germany

Doctoral thesis "An object-oriented database for the compilation of signal transduction pathways"

Ph.D. in the natural sciences, "passed with distinction" (A+)

1998

Roche Bioscience, Palo Alto, CA, USA

Guest Researcher

Signal transduction network analysis, using Boolean networks and Petri net simulations

1991-1997

Free University of Berlin & Hahn-Meitner-Institut, Berlin
Diploma of Biochemistry, overall grade "very good" (A)

1990—1991

Computer Center, Albert-Ludwigs-Universitätsklinik, Freiburg
System administration, and tech support for workstations and mainframes at the computer center and for end users

1981—1990

Goethe-Gymnasium, Freiburg
Abitur, overall grade 1,0 (A+)
Scheffel award for exceptional accomplishments in the German language

Affiliations

2007—today

Project Management Institute

2006—2008

Indo-German Chamber of Commerce

2005—today

BioPAX initiative for pathway data exchange and semantics

2004—today

International Society for Computational Biology (ISCB)

2000—2001

Coordinator Visualization at the Biopathways Consortium

1998—today

Bioinformation Systems e.V.

Languages

German, native speaker

English, fluently written and spoken

French, basic knowledge

Technical competencies

Bioinformatics

Biological networks, graph and pathway analysis, microarray data analysis, NGS data analysis, network analysis, data mining (e.g. clustering, classification), ontologies, systems biology

Languages

Perl, SQL, Python, Java, R, C, JavaScript, Visual Basic, shell, PL/SQL

Web standards

HTML, XML, RDF, OWL, Apache, Servlets

Databases

Oracle, MySQL, object-oriented databases, data modeling, database integration, data warehousing

Development

Design, specification writing, prototyping, usability, coding, documentation, code reviews, unit testing, build

Operating systems

Windows, Solaris, Linux

Tools

Change control systems (e.g. VisualSourceSafe, CVS, git), bug trackers (e.g. Bugzilla), project management software, various bioinformatics, graph analytic and statistical packages, make, Matlab, and MS Office

Hobbies & spare time interests

Reconstruction and sailing of a historic tall sailing ship with the National Park Service, USA

Competing in card-game tournaments on international pro-tour level

Art, design, economics