

Siddhartha Moitra

Curriculum Vitae

Vogeliusweg 27.2.2102
33098 Paderborn
Germany

+49 176 726 82777

✉ siddhartha.moitra21@gmail.com



Professional Experience

01/2014– **Software Developer - Werkstudent**, *Universität Paderborn*, Paderborn, Germany.

Present The research project aims at dynamically compose services on the world wide markets with prime focus on analysis methods for service compositions. Supports parent project by providing feedback on properties like protocol compatibility, deadlock freedom, etc.

Detailed achievements:

- Developed an Eclipse-plugin which creates dummy service compositions for predicting functional properties and does functional analysis;
- Extended the Palladio Component Model(PCM) to include new elements for protocol analysis;
- Developed a new Eclipse editor to integrate analysis related tasks together in a single view;
- Technologies used: Java, ProMeLa, JUnit, Eclipse Plugin Development, Eclipse Modelling Framework, Eclipse GEF;
- Tools: Eclipse Kepler, SPIN, SVN, Trac(for Issue Tracking);

10/2011– **Senior Technical Analyst**, *BlackRock*, India.

09/2013 The project aimed at developing a suite of services that integrated the CRM system(Quasar) with all the financial sytems used within the organization. It formed the integration framework within the organization providing information to account managers and other business entities.

Detailed achievements:

- Design and review service APIs using Google Protocol buffers;
- Developed SQL procedures/functions for data retrieval;
- Used Spring 3.x for middleware business development;
- Developed a Java Swing based Test tool for testing the services, functional and performance, for the QA team.
- Developed a XML based validation framework, used by business functions to write business rules and reduce development time by 20%.
- Financial CRM knowledge and data modelling in Assignment-Opportunity design.
- Technologies used: Java, JUnit, Spring 3.x, MS-SQL, Google Protocol Buffers, Apache ANT, Apache IVY;
- Tools: Eclipse based Spring Toolsuite, MS SQL Client, MS SQL Profiler, SVN;
- SCM Tools: Crucible, JIRA, Hudson;
- Development model: Agile, Test Driven Development;

01/2010– **Software Engineer**, *Infosys Technologies*, India.

09/2011 The project aimed at developing a web-based billing solution for Vodafone Global encompassing B2B customers. Enhanced the Oracle's eBilling solution in 4 EU countries.

Detailed achievements:

- Requirement analysis and enhancement of the Web based application.
- Implemented Fusion Charts v3.0.2 for reporting.
- Developed Ajax-based information and billing hierarchy for the customers using ebilling application.
- Technologies used: Java, JUnit, Struts 1, jQuery, XML, HTML, Fusion Charts;
- Tools: Eclipse Galileo, TOAD for Oracle9i, CVS;
- SCM Tools: Crucible, JIRA, Hudson;
- Development model: Iterative and incremental development;

Skill set

Languages Java, Basics of JEE, Unix, XML and Oracle SQL, PL/SQL

Technology Core and Advanced Java, JDBC, JSP, JSF, XHTML, Eclipse Plugin Development, Oracle 9i,11g

Tools Netbeans, Eclipse, Eclipse RCP, GlassFish, Jenkins, SVN, CVS, Git, Maven, SQL Developer

Education

10/2013– **Masters in Informatik**, *University of Paderborn*, Germany, *Grade - 1.6 (till date)*.

Present

Specialization Software Technology and Information Systems

2004–2008 **Bachelor of Technology in Computer Science & Technology**, *Uttar Pradesh Technical University*, Uttar Pradesh, India, *Grade - 2.3*.

Master Thesis

Title *Master Thesis Title*

Description Description.

Master Project

Title *Text Search Engines*

Supervisor Prof. Dr. Steffan Böttcher

Description Description

Technology Java, Data Structures

Tools Eclipse Kepler, Git

Languages

German Basic, A2 Level

English Bilingual Proficiency

Hindi Mother Tongue

■ Interests and Hobbies

- Fitness, Photography, Cooking

■ Literatur

John Doe. Title, year.

John Doe. Title, year.

John Doe and Author 1. *Title*. Publisher, edition edition, year.

John Doe and Author 2. *Title*. Publisher, edition edition, year.

John Doe and Author 3. Title, year.

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✉ siddhartha.moitra21@gmail.com

Company Recruitment team
Company, Inc.
123 somestreet
some city

January 01, 1984

Dear Sir or Madam,

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ullamcorper neque sit amet lectus facilisis sed luctus nisl iaculis. Vivamus at neque arcu, sed tempor quam. Curabitur pharetra tincidunt tincidunt. Morbi volutpat feugiat mauris, quis tempor neque vehicula volutpat. Duis tristique justo vel massa fermentum accumsan. Mauris ante elit, feugiat vestibulum tempor eget, eleifend ac ipsum. Donec scelerisque lobortis ipsum eu vestibulum. Pellentesque vel massa at felis accumsan rhoncus.

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Albert Einstein discovered that $e = mc^2$ in 1905.

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

Yours faithfully,

Siddhartha Moitra

Attached: curriculum vitae