

CV Soudip Roy Chowdhury

NAME Soudip Roy Chowdhury

DoB 1st of April, 1981

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EDUCATION **University of Trento, Italy**

Doctor of Philosophy (ICT)

November 2009 – present

- Expected graduation date: April 2012
- Advisors: Professor Fabio Casati

Visvesvaraya Technological University, India

Bachelor in Engineering (Information Science and Engineering)

October 2000 – August 2004

- First class with distinction.

LANGUAGES KNOWN English (fluent), Italian (basic)

WORK EXPERIENCE

- IBM India Pvt Ltd.

Role: **Application Architect**, I was involved in various research projects involving IBM India Research Lab, IBM Watson Research lab and other software and service labs within IBM. I was also a part of IBM's Model Driven Architecture centre of excellence team. My works in IBM is integrated with IBM Rational software architect product line. It also produces 3 US patents and 1 publication.

- Tata Elxsi Pvt Ltd.

Role: **Software Developer**, I was involved in several projects related to embedded system design and development. My work included porting JVM embedded version with JIT compiler for Set-top-box board for a renowned interantional consumer electronics products vendor. As a part of a global team, I was also involved in the module design and integration activities.

HONOURS AND AWARDS

Granted 3 US patent awards (US 2010/0306787, US 2011/0066614, US 2011/0246830).

PhD Scholarship, University of Trento, Italy, 2009-2012.

ACM Student Reseach Competetion, selected among top 12, ICSE, 2012.

Startup weekend, 1st prize winner, Trento, Italy, March, 2012.

National Geography Talent Search, 1st prize winner, India, 1996.

SKILL SETS

Areas	Skills
Technology Domain	Recommendation system, Web-service composition, Mashups, Service oriented architecture, Business process management.
Business Domain	Telecom, Web-service, Digital video broadcasting, Disaster management.
Operating Systems	MacOS, Windows, Unix, Linux, RTLinux
Programming Language	Java, JavaScript, C, XML, HTML, Mozilla Extension development suite (e.g., XUL).
Web 2.0	JSON, REST, Twitter APIs
Productivity Tools	Use and analysis of various productivity tools, testing, configuration control, document management, knowledge management: Eclipse, CVS, SVN, Junit, ANT, Wiki, IBM Rational Test Suite, IBM Rational Requisite Pro.
Performance Analysis	Experience in using performance analysis tools for JVM, and also experience in using mozilla and chrome developer extension for analyzing the client side UI performance and for analyzing network communication data.
Database	MySQL, SQLite, Oracle DB 11g.
Designing Tools	UML, Rational Rose, Visio, OmniGraffle.

INTERESTS

I am interested in entrepreneurship in the area of pervasive computing, or building a open service oriented framework for better disaster management.