Curriculum Vitae

Personal Information

Full Name	**Diwakar Bajaj**
Address	Max-Planck-Ring 16 (02-KG-12)
	Ilmenau Germany 98693
Mobile	+4915163904783
E-Mail	diwakar.bajaj@gmail.com
Nationality	India
Date of Birth	November 28, 1989

Education

October 2012 to April 2015	**Master of Science Computer and Systems Engineering**
Courses	Database Systems, Software and Systems Engineering, Complex Embedded Systems, Systems Security, Distributed Systems
University	Technical University of Ilmenau (Germany)
Grade	2.29
September 2008 to July 2012	**Bachelors of Technology Computer Science & Engineering**
University	Lovely Professional University (India)
Grade	7.26

Work Experience

March 2014 to Sep 2014	**Software Engineer Trainee**
Name of Employer	BOSCH Engineering GmbH
Responsibilities	Software Development

Feb 2013 to July 2013

Name of Employer
Responsibilities

Software Development and Performance Analyst

Plano Punkt, Ilmenau, Germany
Web Development, Web Security, Web Performance

June 2011 to December 2011

Name of Employer
Responsibilities

Software Engineer Trainee

Ralant Technologies Pvt. Ltd. Noida, India
Web Development in ASP.NET, C#, Web Security and
Performance, Database Management

Software and Skills

Technical

- Programming Languages : C/C++, Java, C#
- Known Technologies : Core Java, HTML, SQL, Embedded C, Java Script, CSS
- Database : Microsoft SQL Server, IBM DB2
- Development Tools : Eclipse, NetBeans, Turbo C++, Microsoft Visual Studio
- Platforms: Linux, Windows, RTOS, Unix

Languages

- English : Fluent
- German : Basic

Projects

In Master's Degree

S.Ha.R.K Real Time Operating System
- Programming Real Time Applications in S.Ha.R.K using C and S.Ha.R.K Libraries and Drivers

Secure Communication using Signature Schemes in Java
- Implementation of Secure Crypto-Systems like Elgamal Algorithm, RSA, Diffe-Hellman using Java

TCP Proxies for Satellite Communications
- Literature Review of Different TCP Proxies which can be used for Satellite Communications

Real Time and Embedded Systems for Automotive
- Literature Review of Programming techniques for Embedded Automotive

In Bachelor's Degree

Medical Travel
- Web Development using ASP.NET, C#, SQL Server, JavaScript, CSS and HTML

Hobbies

References

Pool, Table Tennis, Health and Fitness, Music

- Dr. Hans-Albrecht Schindler
  Technical University of Ilmenau
  Email : albrecht.schindler@tu-ilmenau.de
- Prof. Dr. Winfried Kühnhauser
  Technical University of Ilmenau
  Email : winfried.kuehnhauser@tu-ilmenau.de