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PROFESSIONAL EXPERIENCE

- 11/2010 – till date **Security Developer | ARTEC IT Solutions**
Spearheading the security development of email storage devices. Completed a project on trusted computing - one of the first of its kind; Redesigned software-security layer of the communication storage system; Finished a project on codec-conversion for East Asian languages.
- 11/2010 – till date **Researcher | Novalyst IT**
Analyzing and evaluating protocols for 3G standardization; Interacting with researchers from global players on the new standards to assure quality.
- 02/2009 – 10/2010 **Scientific Staff | Technical University Munich**
Researched on the methods of speeding up the process which determines the achievable security of a Hyperelliptic Cryptosystem, as a part of the doctoral thesis.
Tutored/Taught courses in 5 semesters; Designed and conducted a course from scratch for students in Informatics; Interacted with, and guided students through the curricular troubles.
- 07/2005 – 03/2006 **Software Developer | Microsoft India (R&D)**
Was the member of the team which delivered tools for customer-relationship software. Collaborated and worked with the team members through the complete life-cycle of a very successful project.

EDUCATION

- 04/2006 – 05/2010 **Doctorate | Magna Cum Laude**
Computer Algebra / Theoretical Computer Science, Technical University Munich, Germany.
- 08/2003 – 06/2005 **Masters | CGPA 8.9/10**
M.Tech, Computer Science & Engineering, Indian Institute of Technology Madras, India.
- 11/1999 – 06/2003 **Bachelors | First Class (72%)**
B.Tech, Computer Science & Engineering, University of Calicut, Kerala, India.

SELECTED PUBLICATIONS/TALKS

- Counting in the Jacobian of Hyperelliptic Curves – Doctoral Thesis, 2006 – 2010.
- “Lightweight Cryptography: Hyperelliptic Curve Cryptography” – Talk at Bundes Sicherheits Institut (National Security Institute), Bonn, Germany. (March 2009)

HONORS AND ACHIEVEMENTS

- German Research Foundation (DFG, Germany) scholarship for doctoral studies.
- German Academic Exchange Service (DAAD, Germany) scholarship for master thesis.
- Best project in Bachelors (2003) – Computer Science & Engineering, Government College Thrissur, India.
- 99.68 percentile score in GATE (Graduate Aptitude Test) and All India Rank of 118 in GATE (IIT).

ADDITIONAL INFORMATION

Fluent in English, German, Malayalam (mother tongue) and Tamil. Working proficiency in Hindi.
Hobbies vary from reading to motorbiking.