SUMAIYA SHAIKH

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SUMMARY

A second-year MS(R) student working under Prof. Debadatta Misra. Thesis revolves around leveraging virtualization for security.

ACADEMIC BACKGROUND

Course	Years	Institute	Grade
MS (R)	2019 - Present	IIT Kanpur	7.5/10
B.E.	2012 - 2016	MIT College of Engineering, Pune	73.44%
H.S.C	2011 - 2012	Ashok Vidyalay & Jr. College	84.17%
S.S.C	2009 - 2010	Mount Carmel Convent High School	93.64%

WORK EXPERIENCE

1. Aptify Software Development Solutions Pvt. Ltd.

Software Developer | Feb 2019 – July 2019

Responsibilities: Development and customization of products as per client requirements. Involved in the training of new joiners.

2. SoftLink International Pvt. Ltd.

Software Engineer | Jul 2016 - Dec 2019

Responsibilities: Design and development of web and windows products. Research and Development of new modules. Conducted training sessions for freshers and mentored juniors.

CORE SKILLS

Web: ASP.NET MVC, HTML 5, CSS 3, jQuery
Windows: C, C#
Databases: MS-SQL

ACADEMIC PROJECTS

1. Secure Dropbox (Aug 2019)

A cryptographically authenticated file storage system for an untrusted server. Implemented using GoLang.

2. DRAM Attack Detector (Nov 2019)

Detection of covert/side-channel attacks on the DRAM and mitigating them using a hybrid open-close row policy.

ACHIEVEMENTS

1. Secured 81% (in DBMS) in Microsoft Technology Associate Exam.
2. Selected as 'AVAYA Student Champion' of MITCOE, 2015-16.