

# Rozana Alam

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- 4+ years of working experience as a **Software Engineer** in the research institutes, startups and have a **Master's degree** in **High Integrity Systems** which gives the skills in **Critical Systems Software design and development**.

## EDUCATION

<b>M.Sc Computer Science (High Integrity Systems)</b> FRANKFURT UNIVERSITY OF APPLIED SCIENCE	Frankfurt/M, Germany   Mar 2013 - Oct 2020
<b>M.Sc Computer Science and Engineering</b> NORTHSOUTH UNIVERSITY	Dhaka, Bangladesh   Dec 2009 - Dec 2012
<b>B.Sc Honours Computer Science and Engineering</b> NORTHER UNIVERSITY BANGLADESH	Dhaka, Bangladesh   Feb 2002 - Dec 2007

## WORK EXPERIENCE

<b>SOFTWARE ENGINEER(REMOTE)</b>   Bulldozer R & D Design and developed software with Python, Django	Dhaka, Bangladesh   Oct 2020 – Mar 2021
<b>SOFTWARE ENGINEER(REMOTE)</b>   JBRATRC • Trainer for Machine Learning, Python and developed medical based safety software	Dhaka, Bangladesh   Oct 2020 – Sep 2021
<b>GRADUATE ASSISTANT</b>   FH FRANKFURT • Scholarship received as a Graduate Assistant from German Academic Exchange Service(DAAD). • NLP Text Data Analysis by using ML, deep learning models and Python, Google Co-lab.	Frankfurt/M, Germany   Jun 2020 - Sep 2020
<b>RESEARCH ASSISTANT</b>   FH FRANKFURT • Developed a third party transport system application used Magicdraw, Java SQL, html/CSS.	Frankfurt/M, Germany   Oct 2015 - Oct 2018
<b>TEACHING ASSISTANT</b>   FH FRANKFURT • Data Structure Object Oriented Programming with JAVA and C++ • Mathematics Update and System Theory and Modellings	Frankfurt/M, Germany   Oct 2015 - Oct 2018
<b>SOFTWARE ENGINEER</b>   JR. Traders • Real time Database Software Design and Developed used JAVA, mysql, phpmyadmin, xampp server.	Dhaka, Bangladesh   Dec 2009 – Dec 2012
<b>IT LECTURER</b>   Cambrian College • Computer Science lecturer for Algorithm, Software System Design, Computer Fundamentals.	Dhaka, Bangladesh   Oct 2010 – Dec 2012
<b>IT LECTURER</b>   Sreenagar Govt. College • Computer Science lecturer for Data Structure, Database Management System	Sreenagar, Bangladesh   Jun 2008 – Oct 2010
<b>SOFTWARE ENGINEER INTERN</b>   Islamic Bank LTD. • Assisted Database Analysis and developed a part of software of a banking software by using Oracle	Dhaka, Bangladesh   Jun 2007 – Oct 2007

## LANGUAGE SKILL

English C1, French A2, German A2, Bengali Native, Hindi Speaking, Urdu Speaking

## TECHNICAL SKILLS

Programming Languages: C++, Java, Python, PostgreSQL, SQL, MySQL, JavaScript, HTML, CSS  
Development tools: VisualStudioCode, Eclipse, MagicDraw, Jupyter Notebook, Google Colab  
Technology: AWS, GCP, Git, LaTeX, Agile methodology, Docker