

SANGITA BIST

FULL STACK SOFTWARE ENGINEER



EXPERIENCES

2012
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2015

Bharat Electronics

Deputy Engineer

📍 Ghaziabad, India

- Handled the communication manager in Battlefield Surveillance System designed for Indian Army. In this command and control system I used winsock for network programming and PComm library for serial communication.
- Owned graphical display manager for Combat Management System. I worked on providing display output using propriety Radara hardware for this Command & Control system designed for Indian Navy. I utilized Qt for GUI and propriety Radar library for tactical display

May
2011
|
Aug
2011

Bharat Electronics

Intern

📍 Ghaziabad, India

- Worked as an Intern in core software group for Bharat Electronics. Worked on the development of general touch user interface library to be utilized in all of the command & control systems.



SELECTED ACADAMIC PROJECTS

2017
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2017

Online shopping application

Northeastern University

- The objective of this database is to provide an interface for maintaining data used to generate & support purchase of Electronic products by customers on an Online Retail Application.
- Designed complete database of an online shopping platform , from a single idea of how online shopping website database works , created design using MS visio and inserted all the attributes into different table
- Used encryption on few attributes, performed several queries using SQL server and also made report using powerBI.

2018
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2018

Big data analysis

Northeastern University

- Using hadoop ecosystem performed map-reduce jobs on two differen dataset and also done the visualization of result.
- Tools used – Java mapreduce, Apache Hive, Apache pig

2014

Interpreter for RPAL language

Rajasthan Technical University

- Implemented a lexical analyzer and a recursive descent parser for RPAL language.
- Implemented sub-tree standardizer and 13 rule CSE machine.



EDUCATION

2017
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Present

Master of Science in Information Systems

Northeastern University

📍 Seattle, USA

Current GPA - 4.0

2008
|
2012

B. Tech in Electronics & Communicaiton Engineering

Rajasthan Technical University

📍 Bikaner, India

GPA - 65 %

CONTACT INFO

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SKILLS

Programming languages
Java, SQL, Bash

Big data eco system
Hadoop, Map reduce, HDFS, Hive, Pig

Tools
Eclipse, Git, Visio, Power BI

Database
SQL Server, MySQL

NOTE

I have work authorization (EAD) to work in USA. Flexible to work without visa sponsorship.