

# JAMES CASTELINO

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## EDUCATION

### **New Jersey Institute of Technology**

MS in Computer Science

*Dec 2016 –Expected*

*GPA: 3.6 / 4.0*

### **University of Mumbai, India**

Bachelor of Engineering in Computer Science

*June 2011-May 2014*

*GPA : 3.8 / 4.0*

## COURSEWORK

Network Architecture & Protocols, JAVA, SQL, Data Structures, Big Data, Internet & Higher Level Protocol, C programming, C++, Visual Basics.

## TECHNICAL SKILLS

- Programming: C, JAVA, SQL, Python basics, Networking commands.
- Network Technologies: TCP/IP, UDP, Routing, Switching, DHCP, OSPF, BGP, VLAN, EIGRP, Spanning Tree, VTP, GLBP, HSRP.
- Tools & Software: Eclipse IDE, Putty, Adobe Dreamweaver, Cisco Packet Tracer, MATLAB
- Platforms: Microsoft Windows XP/Vista/10, Mac OS, Linux.

## CERTIFICATIONS

Cisco ID- CSC012969520

- CISCO CERTIFIED NETWORK ASSOCIATE(CCNA) 961/1000
- CISCO CERTIFIED NETWORK PROFESSIONAL(IP ROUTING-CCNP) 961/1000
- CISCO CERTIFIED NETWORK PROFESSIONAL(IP SWITCHING- CCNP) 895/1000

## WORK EXPERIENCE

### **Larsen & Toubro HED – IT ( Heavy Engineering Dept )**

*Dec 2010 - May 2011*

<http://www.larsentoubro.com/Heavy-Engineering>

*Mumbai, India*

- Worked on Bann Software using ASP.Net
- Gathered data of all the incoming hardware and tools and generated a database report which was stored in Baan.

### **Larsen & Toubro Infotech EmSyS(Embedded Systems)**

*June 2009 – Dec 2009*

<https://www.lntinfotech.com/en-US/Pages/Home.aspx>

*Mumbai, India*

- Gained hands on experience and learned core programming
- IC welding and working on SPLICE-M software.

## PROJECTS

### **Big Data Flight Data Analysis for flights from 1987 to 2008**

*Aug 2015-Dec 2015*

*New Jersey Institute of Technology*

*Newark, NJ*

- Developed a software to compute the data gathered using JAVA
- Software analyzed the big data to find 3 airlines with highest and lowest probability of flights being on schedule
- Generated the most common reason for flight cancellation.
- Also computed the longest and shortest average Taxi times for 3 airports

### **Online Chat / Shared Whiteboard System using Java**

*Feb 2016-May 2016*

*New Jersey Institute of Technology*

*Newark, NJ*

- Implemented Online Chat system with whiteboard facility that allows user to chat with other users in real time functionality.
- Features included are Private messaging, Message History which are stored on server and loaded via GUI to the client.
- Java Socket Programming, Swings and AWT were used.