

**Education**

<u>Masters in Software Engineering</u>	<b>3.56/4</b>	<b>2017-2018</b>
Concordia University, Montreal, Quebec, Canada		
<u>Master of Computer Applications: Software Engineering</u>	<b>9.4/10</b>	<b>2010-2013</b>
National Institute of Technology, Haryana, India		
<u>Bachelor of Computer Applications: Software Engineering</u>	<b>64.2 %</b>	<b>2007-2010</b>
Bharati Vidyapeeth Institute of Management & Research, Delhi, India		

**Employment**

Software Engineer	<b>Bell Canada (Montreal, Canada)</b>	Feb 2019 - Present
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- Debugging, Feature Enhancements, Automation Scripts, Web Applications, Rest APIs
- Python, Bash, Expect, React, Django, Jira, Agile, CI/CD, TDD
- Deployed Docker containers enhancing scalability and optimizing developer workflow
- Managed Elastic Search server and developed APIs and Front End for enhanced search.
- Working and learning DevOps with team using Git-Lab and Microsoft Azure.

Freelance Software Engineer	<b>Not Applicable</b>	Aug 2017 – Jan 2019
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- Tutored on programming to UG and PG students from multiple universities and colleges
- Helped PhD students develop small applications and scripts for their work
- C, C++, Java, Python, Clojure, Erlang, C#, JavaScript, SQL, SQLite, Oracle, SQL Server
- Android Studio, Play Framework, Django, Java Spring, (dot) Net Core, SSIS
- Automated Interactive Broker APIs for a client for automated trading based on configuration

Software Engineer	<b>General Electric (Noida, India)</b>	Dec 2015 – Jul 2017
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- Debugging, Feature Enhancement, Test Automation, Code Porting
- C, C++, Python, Visual Studio, Open SSL, VxWorks, Batch, Inno Setup, FLTK
- Used Jira, and followed Agile to deliver biweekly builds with new features.
- Was awarded by GE to reduce their entire testing process from 1 month to 7 days (Python)

Software Engineer	<b>Aricent Technologies (Gurgaon, India)</b>	Sep 2013 – Dec 2015
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- Debugging, Feature Enhancement, Test Automation
- C, Linux, Bash, Expect
- Telecom Protocols (Diameter, CWMP, GTPP), N/W Monitoring (Wireshark)
- Used Valgrind and Bullseye to check for memory leaks and code coverage respectively.
- Used wireshark, nmask to monitor network traffic, and analyze bugs

Associate Software Engineer	<b>Aricent Technologies (Gurgaon, India)</b>	Jan - Jun 2013
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- Manual Testing (Unit, System, Regression, Integration)

**Other Interesting Side/Freelance Projects**

- Risk Game: Risk game using Java Swings and standard libraries.
- Distributed Database System implemented using middlewares such as RMI, CORBA, SOAP
- Interactive Broker API Automation: Get live and historical market data, with options to display different graphs on that data, and implementation of computation algorithms as given by client.
- WIP: Working on my tutoring website with Django as BE, and React as FE.

**Programming Languages sorted by Personal Efficiency and Adaptability (Out of 10)**

Java(8), C(7), Python(7), C#(6), C++(5), Clojure(4), Erlang(4)