

## Arushi Sharma

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<b>OBJECTIVE</b>	<i>A software developer having keen interest in the field of Big Data and Data Analytics. I wish to incorporate my knowledge with the requirements of the organisation in order to bring out the lurking flaws of the human economy and ameliorate the present conditions.</i>		
<b>EDUCATION</b>	<b>University Institute of Engineering and Technology, Panjab University, Chandigarh</b>		
	<i>Bachelor of Engineering (B.E), Information Technology(IT)</i>		
	July 2019		CGPA: 8.99/10.00
	<b>St. Ann's Senior Secondary School, Roorkee (Uttarakhand)</b>		
	<i>Class XII (Senior Secondary Examination), CBSE</i>		
	March 2015		Aggregate 94.8%
	<b>St. Ann's Senior Secondary School, Roorkee (Uttarakhand)</b>		
	<i>Class X (Secondary Examination), CBSE</i>		
	March 2013		CGPA: 10/10
<b>TECHNICAL SKILLS</b>	<b>Languages :</b> C++, Python <b>Database :</b> MySQL <b>Tools/Framework :</b> Hadoop, Pulsar, Oozie, Java Spring Boot, Android Studio <b>Familiar :</b> Java, Linux, HTML5, Statistical Learning, Scala, Docker, Kubernetes <b>Business :</b> Presentation and Leadership, Team Motivation		
<b>ACCOMPLISHMENTS</b>	<ul style="list-style-type: none"><li>• Qualified GATE-2019 with Gate Score 640</li><li>• Android Application by the name RED-AID published on Google Playstore from Jan, 2018- Nov, 2018</li><li>• Won Impact Award at Hacksprint 1.0 at UIET, Panjab University</li></ul>		
<b>EXPERIENCE</b>	<b>Guavus, A Thales Company: Associate Software Engineer</b>		
	<b>Jul 19 - Present</b>		
	<ul style="list-style-type: none"><li>• Working as a part of Engineering-Apps team as a BigData Developer majorly using JAVA, Python, SQL and Go, responsible for building solution pipelines and adding features to the solution in the Big Data ecosystem.</li><li>• Worked as a part of a project where we had to process new IPFIX data and send the required information along with the already existing PilotPacket information in the request header through the proxy server. I was responsible for modifying the existing proxy code in Go to support IPFIX and reduce the existing race conditions.</li><li>• Independently worked on an Apache Pulsar Sink plugin for SQLStream. This plugin is to be used to write data to customer's Pulsar message bus.</li><li>• Developed, debugged and validated the SQLStream pipeline that enriches and aggregates streaming tethering data on an hourly basis and writes the output to Kafka. This project involved gaining knowledge of the existing tethering data enrichment pipeline written in Java MapReduce for replicating the logic in SQLStream.</li></ul>		
	<b>Gemini Solutions Private Limited: Technical Trainee</b>		
	<b>Jan 19 - Jul 19</b>		
	<ul style="list-style-type: none"><li>• Responsible for creating a Java based inhouse web application using Spring Boot and enhancing already existing Java Spring microservices.</li><li>• Also deployed the application using Docker and Kubernetes.</li></ul>		
	<b>Design and Innovation Center, UIET, Panjab University: Project Intern</b>		
	<b>Jan 18 - May 18</b>		

Design and Innovation Center, UIET, Panjab University: Project Intern  
Jun 17 - Jul 17

**PUBLICATIONS**    **Conference Paper: Real-time DDoS Detection based on entropy using Hadoop Framework**  
**17 Oct, 2019**

- **Technology/Tools:** Python, Hadoop, Wireshark
- **Link :** [https://link.springer.com/chapter/10.1007%2F978-981-32-9515-5\\_28](https://link.springer.com/chapter/10.1007%2F978-981-32-9515-5_28)

- **Technology/Tools:** Apache Flume , Hadoop , Python, BeautifulSoup , Tkinter
- **Link :** [github.com/97arushisharma/MyNews-Summarization-DesktopApp](https://github.com/97arushisharma/MyNews-Summarization-DesktopApp)

- **Technology/Tools:** NLTK , Python ,Tkinter
- **Link :** [github.com/97arushisharma/code-switching-from-hindi-to-english](https://github.com/97arushisharma/code-switching-from-hindi-to-english)

- **Technology/Tools:** Java , Android Studio ,Firebase
- **Link :** [github.com/97arushisharma/Red-Aid](https://github.com/97arushisharma/Red-Aid)

- **Functional Programming Principles in Scala** on Coursera
- **Introduction to Big Data and Hadoop** at UIET, Panjab University, Chandigarh
- **Core Java Training** at NICT, Chandigarh

- Participated in the Grand Finale of Smart India Hackathon 2018.
- Participated in Rajasthan IT-Day Hackathon 2018.
- Participated in HackInTheNorth 2.0 at IIIT Allahabad.