








# Shubham Sen Gupta

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## Education

Jul 2017 – May 2021	<b>SRM Institute of Science and Technology, Kattankulathur</b> <i>Bachelor of Technology, ECE, 82.55</i>
Apr 2016 – Mar 2017	<b>Sir Padampat Singhania Education Centre, Kanpur</b> <i>Class XII - 76.2, PCM + Fine Arts + Economics + English</i>
Apr 2014 – Mar 2015	<b>Sir Padampat Singhania Education Centre, Kanpur</b> <i>Class X - 81.6, Science</i>

## Work Experience

Feb 2022 - Present	<b>Accenture Advanced Application Engineering Analyst - Java Full Stack Engineering</b> <ul style="list-style-type: none"><li>Working as a Java Full Stack Developer on web technologies.</li><li>Undergoing multiple training and assessments in Java core, EE, Junit 5, JSP, Servlets, JPA, SQL, MVC, JPA, Springboot, HTML, CSS, Node js, JS.</li><li>Leading a team of 5, helped teammates with report generation and manual testing for the code.</li></ul>
Jun 2021 - Feb 2022	<b>Cognizant Programmer Analyst Trainee - Big Data</b> <ul style="list-style-type: none"><li>Working under a business insurance domain for a US based client.</li><li>Undergone multiple training and assessments for business insurance and project related tools/application such as AWS, Databricks, PySpark, SparkSQL, AutoSys, Abinitio, Jenkins, Github and Hive.</li><li>Writing scripts, Monitoring jobs, worked on S3 buckets and AWS services.</li><li>Helped teammates with report generation and manual testing for the code.</li></ul>
Feb 2021 - Jun 2021	<b>Cognizant Jr. Big Data Engineer(AIA)-Contractor</b> <ul style="list-style-type: none"><li>Worked in Hadoop, Spark, PySpark, SQL, JAVA, Python, Hive, YARN, HDFS, Hbase, AWS, Sqoop, DW, Linux, Cloudera and ER modelling etc. Also, underwent multiple behavioral and organizational training.</li><li>Made a project on Covid Data Analysis validated with test cases, also implemented multiple approaches to minimize the time and complexity by approx 1/3 of time and led my team of 3, also was a top performer during intern with a score of 95 percent.</li></ul>
Jun 2021	<b>KPMG-Insidesherpa Data Analytics Consulting Virtual Internship</b> <ul style="list-style-type: none"><li>Worked on tools Tableau and Ms Excel, Word, data cleaning, and modernise the data of the client then transform it to some visual analysis on the basis of data available</li></ul>

## Certifications

- Programming in Java - NIIT, HackerRank
- Programming in C - Udemy
- Programming in Python - Coding Ninjas
- Apache Spark with Scala - Hands on with Big Data! - Udemy
- The Ultimate Hands-On Hadoop - Tame your Big Data! - Udemy
- Python - Coding Ninjas

- AWS Cloud Practitioner Essentials - AWS Training and Certification
- SQL - Udemy, HackerRank

## Honors

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- Semi finalist in 3M-CII YICA 2020 ranked under 155 innovations of 2500+ across India, received letter of merit and shortlist batch for recognition (ideation challenge).

## Projects

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May 2021 - Jun 2021	<b>Covid Project Data Engineering</b> <ul style="list-style-type: none"> <li>• Analysed data and based on use case found recovered, deceased, hospitalized, total count etc (available in my GitHub-haspdecrypted)</li> <li>• Coming across data ab-normalcy, null handling, used hive window functions, External tables, Partitioning, PySpark, Hadoop, Hive, Batch Processing, YARN, and Client Deployment mode.</li> <li>• Also, at last designed test cases and for data validation and matched with the website for the records.</li> </ul>
Apr 2021	<b>Airport Project Data Engineering</b> <ul style="list-style-type: none"> <li>• Studied some data sets of an airlines available open-source and have analysed it for multiple problem statements (available in my GitHub-haspdecrypted) and found various analysis based upon the use case.</li> <li>• Tools implemented Hive, Hadoop, Map Reduce.</li> </ul>
Jan 2021 - May 2021	<b>Major Project Recent Trends Analysis of Smart cities and Traffic Jam Management Using Big Data Analytics and Deep Learning</b> <ul style="list-style-type: none"> <li>• Study on different aspects how IoT and Big data is used in our society with what are the recent trends and vulnerabilities to it with the applied DL models.</li> <li>• We did an analysis which showed how Yolo v3 is used for solving traffic Jam especially in India with populated mean approach and reducing the infrastructure.</li> </ul>
Nov 2019 - Mar 2020	<b>Minor Project Surveillance and Bomb Diffusion Robot</b> <ul style="list-style-type: none"> <li>• Made a working model which worked on surveillance and bomb diffusion purpose(available on my github-ssg8288).</li> <li>• I also presented this idea in a ideathon organised by 3M and was under top 155 out of 2500+ across India as a semifinalist and received a letter of merit.</li> </ul>
Jun 2019 - Jun 2019	<b>Java Project Library Management System</b> <ul style="list-style-type: none"> <li>• Application using JAVA and swing library on net beans and for db connectivity I used JDBC driver this app managed the books issued and deposited with a proper login system for the librarian and account system.</li> </ul>

## Publication

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May 2021 - Publishing	<b>Int. J. of Autonomous and Adaptive Communications Systems</b> <i>Special Issue: Internet of Things and Blockchain Systems for Industry 4.0</i> <ul style="list-style-type: none"> <li>• Research Paper Accepted and in publishing phase in Scopus rated non-paid journal(Inderscience). Our Project was on Traffic Jam Management using predictive Big Data Analytics.</li> </ul>
Aug 2020	<b>International Research Journal of Engineering and Technology</b> <i>Volume: 07 Issue: 08 IRJET</i> <ul style="list-style-type: none"> <li>• Shubham Sen Gupta. "Arduino based Surveillance and Bomb Diffusion Robot with Rocker Bogie Mechanism and Two-way Talk Feature using Hand Gesture control Robotic ARM"</li> </ul>