

## EMPLOYMENT

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<b>Software Development Engineer</b>	<b>AJIO.com, JIO Digital Platforms</b>	<b>July 2019 - Present</b>
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### *Gamification:*

- A microservice which enhances user engagement by allowing them to play games during sale period.
- Implemented the admin panel which configures the games to be scheduled. Designed and built the APIs which let the users keep track of their rewards and send them notifications one day prior to the expiry date to increase the redemption ratio.

### *Flash Sale Microservice:*

- The application lets the sale to run for 60 sec to 120 sec where products are being sold at Re1 or at discount of 99.99%. This is a highly scalable system which can handle 500k concurrent users during peak.
- Worked on developing APIs which handles the flow of order placement during the flash sale. Also, created the admin panel which uploads and downloads the products to be sold.

### *Tax Engine Microservice:*

- Tax Engine is a system which calculates tax break up based on HSN (Harmonized System of Nomenclature) tax details.
- Involved in the development of APIs which help the internal teams to fetch the tax data. Additionally, worked on feature enhancement and performance optimization.

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<b>Software Development Intern</b>	<b>Symantec Pvt. Ltd.</b>	<b>July 2018 – Dec 2018</b>
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- Worked on the development of a portal which facilitates the vendors of IoT devices to keep check on the vulnerabilities present in the firmware. Designed and implemented the python web application on AWS cloud using firmware analysis tool along with one team member.

## Languages and Technologies

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- Programming Languages - Java, C++, Python (basic)
  - Operating System - Linux, Windows, Mac OS
  - Database – RDBMS (PostgreSQL, MySQL), NoSQL (Redis)
  - Frameworks and tools - IntelliJ IDEA, Spring Boot, JPA, Junit Testing, Swagger, AWS (basic), Flask (basic)
  - Others - GitHub, Maven, Gradle, Tomcat, Kafka.

## EDUCATION

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<b>B.E. (Hons.)</b>	<b>BITS Pilani, Pilani Campus</b>	<b>Aug 2015 - Jul 2019</b>
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- B.E. (Hons.) in Computer Science and Engineering.

<b>Class XII</b>	<b>D.B.N. Vidya Mandir</b>	<b>April 2014 – May 2015</b>
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- Secured first rank in the Jammu & Kashmir board of School education.

## PROJECT

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<b>Compiler Design – Compiler</b>	<b>Jan 2018 – May 2018</b>
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- Designed the various phases of compiler – lexical analyzer, parser, and semantic analyzer using the concept of first and follow set, context free grammar, abstract syntax tree and symbol table in C language.

<b>Multi-Class Tweet Classifier – Information Retrieval.</b>	<b>Aug 2017 – Dec 2017</b>
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- Trained a deep neural network on standard twitter dataset to classify the tweets into five categories - Sports, Politics, Entertainment, Technology and Business and achieved an accuracy of 98%.

## ACHIEVEMENTS AND RESPONSIBILITIES

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- Received High Performance Award for the Quarter Sept, 2020 – Dec,2020 at Ajio.
  - Received gold medal and certificate of merit by education minister of J&K for securing 1<sup>st</sup> position in senior secondary examination.
  - Recipient of JKPMSS scholarship for 8 semesters by AICTE for excellent performance in Academics.