

# Saket S. Jajoo

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## EDUCATION

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### Vellore Institute of Technology

*Location: Vellore, Tamil Nadu, India*

*Bachelor of Technology in Computer Science and Engineering with specialization in Information Security*

Cumulative GPA: 9.56 / 10.00

*July 2016 - July 2020*

- Class Rank: 2

- Relevant Coursework: Data Structures and Algorithms, Operating Systems, Discrete Mathematics and Graph Theory, Network Security, Applied Linear Algebra, Object Oriented Programming.

## PROFESSIONAL EXPERIENCE

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### Cloudera Inc.

*Location: Bangalore, India*

#### *Software Engineer - II*

*Aug 2021 - Present*

- Working on building various internal solutions to analyze and enhance the security posture of products developed at Cloudera, focussing more towards Software Component Analysis (SCA), Vulnerability and Dependency Management.

#### *Software Engineer - I*

*July 2020 - Aug 2021*

- Worked in the Platform Security team, trying to analyze the security posture of various products.

- Developed dashboards depicting the comprehensive security posture of the products and softwares built at Cloudera.

### Reliance Industries Limited

*Location: Mumbai, India*

#### *Software Development Intern*

*May 2019 - July 2019*

Interned with the central platform data analytics team to develop a query builder (using Python/Django/MySQL) which boosted the efficiency of Hive query generation process (in the ETL schedule) by 60%.

## TECHNICAL SKILLS

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Technologies: Cloud Computing (AWS), Containerization (Docker, Kubernetes), Apache Hadoop ecosystem.

Application Softwares: Jenkins, Git, Databases (MySQL, MongoDB, Postgres).

Programming Languages: Python, C++, Java, JavaScript, SQL, PHP, Shell Scripting.

Concepts: Machine Learning, Deep Learning, OS, Networking, Cryptography, OOPS, Data Structures.

Frameworks: Flask, Tensorflow, Spark, Firebase, Hadoop, Bootstrap, Pandas/Numpy.

## CERTIFICATIONS

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- AWS Certified Machine Learning – Specialty (AWS, 2021)

- Google Cloud Platform Big Data and Machine Learning Fundamentals (Google, 2020)

- Machine Learning (Coursera/Stanford Online, 2018)

- IT Security: Defense against the digital dark arts (Coursera/Google, 2018)

## AWARDS, ACTIVITIES AND HONOURS

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- Appointed as Program Representative for the InfoSec Branch (batch of 2020, VIT).

- Cleared 5 levels of the Indian Classical Harmonium Music exam.

- Reached till the penultimate round of the International Quants Championship.

- Secured the Google-Udacity scholarship for the website track.

- Winner of Hackertech Hackathon (organized by Entrepreneurship-Cell, VIT).

## ACADEMIC PROJECTS

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### Urja (Hackertech Hackathon)

*October, 2018*

Built a smart-device to detect electricity consumption for a property and report the same using an NLP based chatbot along with providing possible solutions to reduce the overuse of electricity and thus save costs.

### Kisaan Mitra

*April, 2018*

Developed the backend ML-based system for generating the list of viable crops most suitable for cultivation on a land based on factors like soil moisture, humidity, temperature, etc.