

Saket S. Jajoo

saketjajoo77@gmail.com

<https://saketjajoo.github.io>

<https://linkedin.com/in/saketjajoo>

EDUCATION

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 / INTERNSHIPS

Cloudera Inc.

Location: Bangalore, India

Associate Software Engineer

July 2020 - Present

- Built a 'dependency analyzer' to fetch all the dependencies in a release version and check if they are on a vulnerable version and suggest a possible upgrade path which resulted in secure product development.

- 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

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

- 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

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

- Cleared 5 levels of 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

Vaahan

December, 2019

Identifying and extracting vehicle numbers using image segmentation and text recognition to cross-reference it with the publicly available Indian Government website to get the details about the vehicle and its owner.

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.