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

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 on Software Component Analysis (SCA), Vulnerability and Dependency Management.

Software Engineer - I   *July 2020 - July 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

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

- 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

- 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

Urja (Hackertech Hackathon)   *October, 2018*
Built a smart device to detect electricity consumption for 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.