SHREYANS JAIN
93, bank colony, Alwar (Raj.) - 301001
+91-9024884302 | shreyansj00@gmail.com

EDUCATION

Birla Institute of Technology & Science Pilani, Goa   **Goa**, **India**
Master of Engineering, Cumulative GPA: 9.29/10   Completed, 2022
- **Relevant Coursework**: Network Security, Computer Networks, Data Mining, Operating System, Internet of Things.

Amity University, Noida   **Noida, India**
Bachelor of Technology, Cumulative GPA:9.15/10   Completed, 2020
- **Relevant Coursework**: Operating System, Cryptography, Database Management Systems.
- Received scholarship for the entire course from Amity University for excellence in academics.

National Academy Day Boarding E.M.S
Class XII   Alwar, (Raj.)
Percentage: 90%   Completed, 2015
Class X   Alwar, (Raj.)
CGPA: 9.14/10   Completed, 2013

SKILLS

- **Technical Proficiency:** Python, Java, Object-Oriented Programming (OOP), Problem Solving, RESTful WebServices, Pub/Sub, Docker, ReactJS, Kubernetes.

EXPERIENCE

QUALCOMM India Pvt. Ltd.   **Hyderabad, India**
ENGINEER   (July 2022 - Present)
- Working on developing scalable applications that allow owners to protect the confidentiality and accessibility of their resources using ReactJS, Flask, and RabbitMQ.
- Working on establishing CI/CD infrastructure for seamless deployment of applications in production.
- Worked on developing a search engine that would help visitors to locate varied resources and mechanisms to access them.
- Worked on placing the SLSA framework into place to enhance the security, prevent tampering and protect the organization's software and related infrastructure.

QUALCOMM India Pvt. Ltd.   **Hyderabad, India**
INTERIM ENGINEERING INTERN   (Jan 2022 - June 2022)
- Worked on developing scalable applications that allow owners to protect the confidentiality and accessibility of their resources.
- Developed endpoints using RESTful API's.
- Troubleshooting software bugs and issues.

Jair Network & Services Pvt. Ltd.   **New Delhi, India**
SUMMER INTERN   (May 2019 - June 2019)
- Internship in domain of Network Security on Palo Alto NGFW Firewall at Jair Networks & Services Pvt. Ltd.

PROJECTS

SMART PARKING SYSTEM   **(Aug 2021 - Dec 2021)**
- Designing a smart parking system that will be able to provide real time parking status of parking space on a web application that can be accessed from anywhere and on any device.
- MQTT Protocol used for publishing and subscribing.

CREDIT CARD FRAUD DETECTION   **(Aug 2021 - Oct 2021)**
- Designed a hybrid credit card fraud detection learning mechanism using unsupervised and supervised methods for effective detection of fraudulent transactions.

FILE ENCRYPTION SYSTEM   **(Mar 2021 - June 2021)**
- Designed a Secured File System that can store the data on an untrusted server securely. The file system uses Digital Signature, AES, and RSA algorithms for security.

NEONATAL HEALTH MONITORING SYSTEM   **(Aug 2021 - Oct 2021)**
- Designed a monitoring system that can measure the neonatal parameters using DHT11, Pulse Sensor, MCP3008.
- Using the SMTP protocol for sending the information to relevant medical practitioners.

EVENT STUDY   **(May 2020 - July 2020)**

- For understanding the impact of variation of Sensex in the stock value of companies using statistical models(Market Model, Mean adjusted Model, Market adjusted Model)

POSITION OF RESPONSIBILITY

- **Teaching Assistant - BITS Pilani, Goa Campus**   **(Aug 2021 - Dec 2021)**
  Teaching Assistant for Discrete Math for Computer Science (CSF222).
- **Teaching Assistant - BITS Pilani, Goa Campus**   **(Jan 2021 - May 2021)**
  Teaching Assistant for Database Management System(CSF212).

CONFERENCES AND WORKSHOPS

Birla Institute of Technology & Science Pilani, Goa Campus   **Goa, India**

- Author: Shreyans Jain, Nishant Verma, Rashid Ahmed, Aman Tayal, and Hemant Rathore. Credit Card Fraud Detection using K-Means Combined with Supervised Learning in 21st Hybrid Intelligence System (HIS'21), Springer Publishing.

Amity University   **Noida, India**

- Part of the organizing committee for CONFLUENCE-2018. The role was to coordinate with the guest speakers and to schedule their paper presentation.
- Completed Course on "Technology Based Entrepreneurship Development Program" conducted by Ministry of Micro, Small & Medium Enterprises.

EXTRA-CURRICULAR ACTIVITIES & HOBBIES

- Member of IEEE student chapter Amity University, Noida.
- Secured AIR 164 in Nationwide Education Scholarship Test-Junior 2014.
- Basic knowledge of French Language.
- Hobbies: Reading Books, Playing Volleyball.