

# Divyansh Jain

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## EDUCATION

### JIIT NOIDA

#### ENG IN INFORMATION TECHNOLOGY

July 2016 - May 2020 | Noida, IND  
7.9/10

## LINKS

Github:// [divyanshja](#)  
LinkedIn:// [divyansh-jain](#)  
Quora:// [Divyansh-Jain-71](#)

## COURSEWORK

### UNDERGRADUATE

Computer Networks  
Database Management System  
Data Mining  
Machine Learning  
Network Security  
Operating System  
R programming  
Theory of computation  
Compiler Design  
Operating Systems  
Artificial Intelligence  
Functional Programming  
Unix Tools and Scripting

## SKILLS

### Programming:

C • C++ • Python • Java  
Javascript • R • Nodejs •  $\LaTeX$

### Scripting:

Groovy • Shell • Batch

### Cloud:

AWS • GCP

### Database:

MySQL • MongoDB • PostgreSQL

### Framework:

Angular • SpringBoot • Flask  
Kubernetes • Docker • Jenkins • Bamboo  
• Jira • Helm Charts • BitBucket

## EXPERIENCE

### THALES GROUP | SOFTWARE ENGINEER

July 2020 - Present | Noida, India

- Worked on V2X TLM(Trusted List Manager) application (Thales Product) and its third parties will be deployed on a desktop, which hosts a Thales HSM.
- Thales also delivers a HSM backup equipment to back up keys stored in the HSM. The HSM backup equipment shares the same level of security characteristic as the HSM itself.
- Create Simulation of TLM application over 10 years. Analyse the data (like Certificate details) for each vehicle in the system.
- Tech used: Python, Jython, Json, Spring Boot, PostgreSQL, Angular
- Working on Software Licensing Management(Thales Product). This product is used to build versatile service catalogs, provision and authorize user access, measure service usage.
- Create CI/CD script for Deployment of product using python script and Jenkins
- For Deployment using Devops Tech :Docker,kubernetes, Helm charts and Aws and Gcp
- For Development using Angular for Frontend, Java Spring Boot Hibernate for Backend & My SQL for Database.

### THALES GROUP | SOFTWARE ENGINEERING INTERN

Feb 2020 – June 2020 | Noida, India

- Worked on Safenet key Scentre having capabilities for managing cryptographic keys across their entire lifecycle, including key generation, key import and export and key rotation.
- With safenet, keysecure, all cryptographic keys are stored in a centralized, hardened appliance to simplify administration while ensuring tight security.
- Tech Stack : C++, Python, XML, shell Scripting, Rest Api, openSSH

### BITS PILANI | DATA SCIENTIST INTERN

May 2019 – July 2019 | Pilani, India

- Created Model for secure communication between vehicle using ML, Blockchain and IOTA.
- Created Model for fast communication between vehicle using Game Theory.  
Tech : R, Python

## PROJECTS

### FOODBORNE DISEASES OUTBREAK PREDICTION

- Generate the Model using Deep learning Algorithm to predict the diseases on the basis of food and location
- Compare Model with machine learning Algorithm
- Created web app using shiny Language: R programming, ML(KNN,clustering), DL(ANN,CNN)

## PUBLICATIONS

- Research Paper in IEEE ACCESS A survey on IoT security: application areas, security threats, and solution architectures using ML,BLOCKCHAIN
- Research Paper in ICICV (Springer) Foodborne Disease Outbreak Prediction Using Deep Learning