JAY GURNANI

## Software Engineer

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# EDUCATION

Bachelor of Technology

### Dhirubhai Ambani Institute of Information and Communi- cation Technology (DA-IICT) CPI : 8.10

 2017 – 2021 Gandhinagar, Gujarat, India

# EXPERIENCE

## Software Engineering Specialist

### GE Digital

 Aug 2021 – Present Hyderabad, Telangana, India

* Migrated on premisies VM based application on Kubernetes and AWS
* Infrastructure as code using **AWS**, **Terraform Docker Chef** and

**Ansible**

* CI/CD using **Jenkins**, **Shell, groovy, python, perl** Scripting
* Migrated Large database in SQL Server 2000 DB(Win server 2003) into Postgresql server(Red Hat Enterprise Linux 8.4 (Ootpa))
* Active Interactions with Senior Engineers and Product Man- agers to troubleshoot and resolve defects in CI/CD Process.
* Gained hands-on experience in Angular, Terraform, Post- greSQL, Docker, Kubernetes

## Digital Technology Intern

### GE Digital

 Jan 2021 – July 2021 Hyderabad, Telangana, India

* Worked on **CI/CD**
* Worked on **Chef, Terraform, Inspec, Manifest(.yaml)**, **auto- mated** the deployment of various product modules and con- figurations on **thousands of servers**
* Migrated the **production streams** from building on Windows 7 servers to Windows 10 servers.

# SKILLS

### C, C++, Data Structures and Algorithms Object oriented programming, HTML, CSS JavaScript, Jenkins, Python, Groovy,



**Docker, kubernetes, AWS, On-premise cloud MATLAB, Java, PostgreSQL, RDBMS, NoSQL**

**Optimization, Probability, Machine learning**

# PROJECTS

### [Neural Style Transfer](https://colab.research.google.com/drive/1lAqF07RCyAqSQbCj7A_NYIgDvTPl25Ha?usp=sharing)

* Transfer learning to blend style image and content image such that the output image is transformed to look like the content image with styled as style image
* Used Python Libraries like Tensorhow and Keras for various image (Matrix) transformations and VGG19 pretrained archi- tecture on Imagenet dataset and Adam optimiser.

### [The Naive Baker](https://naivebaker.herokuapp.com/)

* A website that lets you explore new recipes with available ingredients you have and provide different filters for search.

### [Airline Database Management System](https://drive.google.com/drive/folders/1Ca8bDlaZQrNMMCUF8dLdoVHvpmQ3vLcX)

* A database containing the hight schedule details including route info, arrival and departure date and time as well as cur- rent hight status has been incorporated.

# AWARDS AND ACHIEVEMENTS

* Received **three awards** and recognized for Delivering with Focus at **GE Digital**
* **First prize** in Machine Learning Quiz in Summer School Organ- ised by IEEE student Branch, DAIICT.

# RESPONSIBILITIES

* **GeeksforGeeks Campus Ambassador, DA-IICT**
  + Completed tenure with [**certificate of Appreciation**](https://media.geeksforgeeks.org/certificates/1591631420/956f41b1db61df7de13c9284d3ecb5ce.pdf)
  + Gifted with goodies and more for extra-ordinary work
* **Internshala Student Partner’14, DAIICT**
  + Completed tenure successfully with [**ISP completion letter**](https://drive.google.com/file/d/15jhxX-ZedNITgFOtyS0dVcK4sHKrBDK3/view?usp=sharing)
* **Coordinator, Café Events, i. Fest’18 (Technical festival of DA- IICT)**
* **Lead Coordinator, Youth Run @Annual festival of DA-IICT**
* **Active Member, Debate Club, DA-IICT**

# CERTIFICATIONS

* [**Machine Learning with Python**](https://courses.cognitiveclass.ai/certificates/c7a6004ff1c64e2a95afacae8f91ed7a) issued by **IBM**
* [**JAVA**](https://progate.com/course_certificate/a62fe837qfj1to) ,[**Python**](https://progate.com/course_certificate/80b9d184qfio4j) ,[**Fundamentals of HTML, CSS and JavaScript**](https://drive.google.com/file/d/1B2UkbWTcYFORdROQjLpuDs3zhNpWbMtx/view?usp=sharing)[**Git and Command Line**](https://drive.google.com/file/d/1w19wj9Yg-IxJimyEtvvDlozAUiuEGcUg/view?usp=drivesdk) issued by **Progate**
* [**Linux System Administrator**](https://drive.google.com/file/d/16cyPQZfZ4YWPOeNApuWTyA1cHWkt963R/view?usp=sharing) issued by **LinkedIn Learning**
* [**Windows 10: Administration**](https://www.linkedin.com/learning/certificates/323b072f6a68b6ba1bd28a23aa8be0591936a8a6e9d128cb74dc82ce8f28a087?trk=share_certificate) issued by **LinkedIn Learning**
* [**Cet Prep:Red Hat Certified System Administrator**](https://drive.google.com/file/d/1UcCi9M462rtV8E5anhpSCTnbofVESf38/view?usp=sharing) issued by

**CompTIA, LinkedIn Learning**

# INTERESTS

* Competitive Programming, Debating, Research, Anchoring
* Economics, Finance, Cubing, Mathematics.