JAY GURNANI

Software Engineer

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EDUCATION

Bachelor of Technology

Dhirubhai Ambani Institute of Information and Communication 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 premises 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 Managers to troubleshoot and resolve defects in CI/CD Process.
- Gained hands-on experience in Angular, Terraform, PostgreSQL, Docker, Kubernetes

Digital Technology Intern

GE Digital
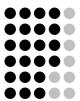
📅 Jan 2021 – July 2021 📍 Hyderabad, Telangana, India

- Worked on **CI/CD**
- Worked on **Chef, Terraform, Inspec, Manifest(.yaml)**, **automated** the deployment of various product modules and configurations 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

- 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 Tensorflow and Keras for various image (Matrix) transformations and VGG19 pretrained architecture on Imagenet dataset and Adam optimiser.

The Naive Baker

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

Airline Database Management System

- A database containing the flight schedule details including route info, arrival and departure date and time as well as current flight 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 Organised by IEEE student Branch, DAIICT.

RESPONSIBILITIES

- **GeeksforGeeks Campus Ambassador, DA-IICT**
  - Completed tenure with **certificate of Appreciation**
  - Gifted with goodies and more for extra-ordinary work
- **Internshala Student Partner'14, DAIICT**
  - Completed tenure successfully with **ISP completion letter**
- **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** issued by **IBM**
- **JAVA** ,**Python** ,**Fundamentals of HTML, CSS and JavaScript Git and Command Line** issued by **Progate**
- **Linux System Administrator** issued by **LinkedIn Learning**
- **Windows 10: Administration** issued by **LinkedIn Learning**
- **Cet Prep:Red Hat Certified System Administrator** issued by **CompTIA, LinkedIn Learning**

INTERESTS

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