# ANSHUM **GILL**

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## OBJECTIVE

To secure a career opportunity to utilize my skills while making a contribution towards the success of the company.

# PROFESSIONAL EXPERIENCE

**OCTOBER 2021 – PRESENT**

**ENGINEER,** HUGHES SYSTIQUE PVT. LTD.

Continuing in the same project I was in charge of setting up the environment and deployment for a customer facing deployment and provided L3 support for that as well. This involved complete Networking using OpenVPN Tunnels, Load Balancing, fail over protection using Keepalived and deployments using Bash Scripts. Along with this I am responsible for developing Kubernetes architecture for our tech stack and integration with JenkinsX.

**JANUARY 2021 – OCTOBER 2021**

**ASSOCIATE ENGINEER,** HUGHES SYSTIQUE PVT. LTD

Being a part of the same project, I was tasked to add metrics in our webservices which allowed us to monitor specific use cases using Prometheus, Grafana, AlertManager and Python Exporters. Besides that, I improved our deployment architecture by introducing Ansible which allowed us to automate the deployment process end-to-end and allowed us to work on our CICD Pipeline.

**NOVEMBER 2020 – JANUARY 2021**

**ENGINEER TRAINEE,** HUGHES SYSTIQUE PVT. LTD

**Next Generation Hotspot** – As a part of customer facing project, I ramped up on SpringBoot, Agile methodologies, Deployment methodologies and Customer Support. I was charged with adding support for Open Roaming in Passpoint Release 1 Profile. Alongside that I also added support for custom parameters in EasyCWMP for an OpenWRT based Router on our FreeACS Project.

**JANUARY 2020 – OCTOBER 2020**

**TRAINEE,** HUGHES SYSTIQUE PVT. LTD

**IoT Based Smart Parking** – Using YOLO Object Detection along with Orion Context Broker and Python an end-to-end system was developed which informed users on a WebApp of the available and occupied Parking Slots in real time by utilizing only the live CCTV footage.

**MAY 2019 – JULY 2019**

**INTERN,** VELOCIS SYSTEMS PVT. LTD

**Pneumothorax Identification –** Identification and classification of Pneumothorax (Collapsed Lung) in Chest X-Rays using ResUNet Neural Networks Model.
**Flower Species Identification –** Identification and classification of Various Flowers and their Species using Machine Learning and comparing the results obtained between each algorithm.

# EDUCATION

**2020**
**B. TECH CSE,** THE NORTHCAP UNIVERSITY
Graduated with a Cumulative Grade Point Average of 8.27 obtaining my Bachelors in Computer Science.

**2015**
**12TH STANDARD,** DELHI PUBLIC SCHOOL
Graduated with an aggregate percentage of 88.8% with subjects Math, Physics, Chemistry, English, Computer Science from Delhi Public School, Vasant Kunj.

**2015**
**10TH STANDARD,** VENKATESHWAR INTERNATIONAL SCHOOL
Graduated with a Cumulative Grade Point Average of 9.4 from Venkateshwar International School, Sector 10 Dwarka.

# SKILLS

- Competent in Python, Java, JavaScript, C++, C, Bash, HTML, CSS
- Worked on DevOps Technologies like Docker, Ansible, Kubernetes, Prometheus, Grafana, AlertManager and JenkinsX.
- Developed with Frontend Frameworks like Bootstrap, Angular, AngularJS, Liquid, jQuery.
- Experienced with Cloud Platforms like AWS, UpCloud, Google Cloud Platform.
- Worked in Backend Frameworks like Django, Flask and Spring Boot.
- Used Databases like MySQL and InfluxDB.
- Familiar with various Machine Learning Algorithms and AI Algorithms.
- Developed project in Blockchain Technology.
- Developed IoT based projects.

# AWARDS AND RECOGNITION

- Recipient of 'Instant Award' as an Engineer at Hughes Systique Pvt. Ltd. for adding end-to-end CICD Pipeline support.
- Recipient of 'Instant Team Award' as an Engineer at Hughes Systique Pvt. Ltd. for successful and timely customer deployment.
- Recipient of 'Instant Team Award' as an Engineer at Hughes Systique Pvt. Ltd. for adding features to the projects AAA Service.
- Recipient of 'Instant Team Award' as a Trainee at Hughes Systique Pvt. Ltd. for my work on OpenWRT Project.
- Recipient of Certificate of Appreciation for organizing multiple events as a part of B. Tech CSE Admission Cell at The NorthCap University.
- Recipient of Certificate of Appreciation for my volunteering efforts at NSS Society at The NorthCap University.