

ANUDEEP KALITKAR

Denver, CO || +1 (720) 314-7672 || anudeep.kalitkar@gmail.com || [LinkedIn](#) || [Portfolio](#)

EDUCATION

University of Colorado at Denver

Denver, CO

Master of Science in Computer Science (GPA 4/4)

Aug 2022 - Jan 2024 (Expected)

Indian Institute of Information Technology

Hyderabad, India

Postgraduate certificate in Software Engineering for Data Science

Dec 2020 - Nov 2021

Coursework: Machine Learning, Cloud Computing

GITAM University

Hyderabad, India

Bachelor of Technology in Computer Science and Engineering (GPA 8.50/10)

Aug 2016 - Sept 2020

Coursework: Artificial Intelligence, Machine Learning, Cloud Computing, Data Structures, Design and Analysis of Algorithms, Database Management Systems, Software Engineering, Computer Networks, Operating Systems

EXPERIENCE

NCR Corporation

Hyderabad, India

Software Engineer I

Oct 2020 - Jul 2022

- Developed NBO product expertise and automated several processes to **reduce operational time and toil by 30%**
- Created infrastructure and **moved around 15000 SQL Databases of average size of 100GB** to latest versions of MSSQL on on-premises data servers of multiple products
- Created production infrastructures for multiple products on Azure and GCP cloud platforms
- Migrated products from on-premises infrastructure to Azure cloud, **reducing the cost of production by 20%**
- Trained and **mentored 12 recruits** on several DevOps and SRE tools

Software Intern

Jan 2020 - Oct 2020

- Migrated Source Code Management (SCM) from on-premises to GitHub Cloud
- Developed CI-CD pipelines on GitHub action for several products

SKILLS

Programming Languages

C, CPP, Python, Node

Tools

Azure, GCP, Kubernetes, Docker, Terraform, Chef, Jenkins, GitHub Actions

Databases

MySQL, MSSQL, Mongo DB

Frameworks

React JS, Node JS, Angular JS, Flask, Django, Fast API

PROJECTS

Smart Traffic Control System

A smart traffic control system availing image processing as an instrument for measuring the density that reduces traffic problems

Technology: Python, OpenCV

Indoor Navigation

A react project which computes the shortest path within a store or a mall. Management will be configuring their store and the end user will search for a product/store to navigate.

Technology: React JS, Python, FastAPI

A Framework for Analysis of Road Accidents

An intelligence algorithm-based framework to analyze the rate of accidents constructed on the different causes

Technology: Python

Image Based Authentication System

An authentication web page that provides password authentication, using images and real Time Doodles.

Technology: PHP, JS, Python, OpenCV

License Plate Detection and Information System

The proposed system is fully automated from detection of vehicle's number plates and text detection

Technology: Python, OpenCV

PUBLICATIONS

TRAFFIC SINGLE TIME ALLOCATION USING EDGE DETECTION ALGORITHM

April 2020

Developed a smart traffic control system availing image processing as an instrument for measuring the density that reduces traffic problems.

CERTIFICATIONS

- [Microsoft Certified Azure Fundamentals \(AZ-900\) from Microsoft](#)
- ORACLE Certification for Programming in JAVA.