

# Shashi Prakash

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[GitHub](#) : [LinkedIn](#) : [Website](#) : [Leetcode](#)

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## WORK EXPERIENCE

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### Informatica Inc.

Operations Engineer - Managed Services

August 2021 – Present

Bangalore, Karnataka

- Working as an operations engineer in the Informatica managed services team, handling production scale pipelines in cloud data integration and cloud application integration.
- Working as an Automation developer for various automation requirements to increase operational efficiency in multiple projects.
- Designed and built automated issue tracking and insights dashboard for internal development and worked on source code security initiatives inside the organization.

### Informatica Inc.

Intern - Professional Services

March 2021 – August 2021

Bangalore, Karnataka

- Created production scale ETL pipeline, extracting data from data lake and writing data to a data warehouse, applying transformation and performing data quality check in real time.
- Created an automation framework for keeping track of jobs failed in a major Data Quality project.

## PROJECTS

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### Abandoned Object Detection Framework.

Detection and classification of the abandoned objects in video surveillance

- Developed a web framework and computer vision algorithm to detect abandoned objects(objects left behind by people) in surveillance videos.
- Used RESnet and Deep learning to classify the pre-assumed threat level of the detected object.

### [Automate File Compression](#)

Automated the text file compression using Huffman coding algorithm.

- Developed an automated C++ framework for the lossless compression of text files using Huffman algorithm.
- Framework detects file sizes in a specified directory and reads frequent characters from the input file and replaces it with shorter binary codewords. The original file can be produced again without losing any bit.

### [cyWeather](#)

Linux Command line application for real time weather report and forecasting.

- Wrote a CLI tool in C++ which handles real time weather updates and forecasts. Allowing users to select desired cities and get data in the terminal.
- Integrated third party library to standard c++ compiler to parse weather api json data in order to be used by other classes in the program.

## EDUCATION AND ACHIEVEMENTS

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### KLE Technological University

Bachelor of Engineering - Computer Science and Engineering

July 2017 - July 2021

Hubballi, Karnataka

- Graduated with distinction with a GPA of 8.88.
- Solved more than 300+ questions on LeetCode.
- Third Ranking worldwide in CDMC(Cybersecurity and Data Mining Challenge) - 2019.
- Onsite finalist in India Police Hackathon - 2019 held in Bangalore, Karnataka.
- Core member of Coding club in university.

## SKILLS & INTERESTS

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**Skills:** Problem solving, Data Structure and Algorithm, Linux System Administration, Full Stack Development, Data Science and Machine Learning, DevOps, Googling stuff, iPaaS.

**Languages and Frameworks:** C/C++, Python, Java, Javascript, Shell, React, Node, Flask, Django, MongoDB, SQL/PL-SQL, Docker, Kubernetes, NJINX.