

# MALEPATI BALASAI YOGESH KUMAR

## Software Developer

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## EXPERIENCE

### Engineer, Software Development

#### Xperi Corporation

September 2021 – Present

Bangalore, India

- Worked to solve complex problems using PYTHON.
- Responsible for designing and developing appropriate software solutions using PYTHON, MySQL, Redis, Kafka, AWS S3, Docker.
- Analysing user needs and then developing appropriate software solutions.
- Identifying tasks and functions that could be further optimized.
- Working as part of team involved in high complexity source code development.

### Associate Software Engineer

#### Xperi Corporation

December 2020 – August 2021

Bangalore, India

- Developing and maintaining ETL pipeline using python and SQL.
- Moved one of the internal application to docker.
- Optimised the existing code and made internal framework lightweight.
- Created multiple web app using flask to show stats by pulling the data from databases.
- Working as part of team involved in high complexity source code development.

### Software Development Intern

#### Tivo Corporation

August 2019 – October 2020

Bangalore, India

## WORK PROJECTS

### Datamill

#### Xperi Corporation

January 2021 – Present

Bangalore, India

- An ETL system which consumes the input files from the FTP location, parse the files into the Object model and ingest into the database based on business rules.
- Techs: Python, MsSQL, MySQL, RabbitMQ, EMS, GitHub and Linux(AWS)

### Locality Sensitive Hashing

#### Xperi Corporation

August 2019 – March 2020

Bangalore, India

- Locality Sensitive Hashing is an algorithm used to find the nearest neighbours in a large dataset. We have large database containing the metadata of movie, episodes and tvseries. In order to find the new similar records for an input record we developed this algorithm.
- Techs: Python, C++, MySQL, Flask, Git and Linux

## STRENGTHS

### • Development

PYTHON FLASK Django SQL  
Microservices AWS S3 Kafka

### • Databases

MySQL MsSQL Redis NoSQL  
PostgreSQL

### • Frameworks

Flask Django

### • Tools

VIM VS Code Git JIRA  
Confluence Docker Kubernetes

## EDUCATION

### • B.Tech. in Computer Science and Engineering

9.4 CGPA, Lovely Professional University, Phagwara

Aug 2016 – May 2020

### • XII

92.7%, Sri Chaitanya Junior College, Vijayawada

2014 – 2016

## LANGUAGES

English  
Hindi  
Telugu

