# Saikrishna Mundrati

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## WORK EXPERIENCE

**Blackbuck**     Bangalore, India
*Software Development Engineer · Backend*     *Dec 2019 - Present*

- **Notifications for OSA**: *Java, Springboot, MySQL, Kafka*
  - Designed and developed Backend, notification system for OSA, interactions with multiple microservices and kafka event to deliver push notifications on any transactions made by user.
- **Truck Attributes**: *Java, Springboot, MySQL*
  - Involved in developed truck attributes backend for matchmaking fleet owner to have right order acceptance.

**USEReady Technologies**     Bangalore, India
*Senior Software Engineer · Engineering Team*     *July 2017 - Dec 2019*

- **Pixel Perfect Server**: *Java, Springboot, POSTgreSQL, React.js*
  - Designed Backend, microservice based architecture for Pixel Perfect Server. Designed and implemented Custom Scheduler, Core Engine, API layer. In core Engine worked on data extracting, transforming and populate the data in to multiple export level format's.
- **API services in CorDL**: *Java, Springboot, MySQL*
  - Designed and developed Custom Authentication Service an alternative for Oauth2 based authentication. And developed Multiple microservices for CorDL (Client, Timesheets, Emails).
- **MailBox, Email Integration and Reporting and Analytics in CorDL**: *Java, Springboot, PHP, D3.js, Javascript MySQL*
  - Introduced Client Communication System, which interact with every module (Like Tasks, Clients, 3rd party Mail Servers). Built a Custom Driver and backend service as part of communication system.
  - Created customer focused and employee efficiency reports in D3.js, for improving productivity of CorDL Customers. Developed Tableau dashboard for internal sales and product insights.

**ByDesign India Pvt. Ltd.**     Bangalore, India
*Software Engineer Intern · IOT Team*     *Jan 2017 - July 2017*

- **Video Analysis**: *C++, QT++, GIT, Python, MySQL, OpenCV, libVLC*
  - Designed and implemented Video Management System GUI for Existing algorithms.
  - Implemented algorithms for number plate recognition and trace passing using OpenCV library, integrated Existing algorithms with QT GUI.

## EDUCATION

**International Institute of Information Technology, Bangalore**     karnataka, India
*Master of Technology in Information Technology; CGPA 2.91/4*     *2015 - 2017*

**Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad (JNTUH)**     Telangana, India
*Bachelor of Technology in Information Technology; Percentage 77.5*     *2011 - 2015*

## PROJECTS

**Mobile Data Analysis**: *Node.js, MongoDB, Heroku, Express*

- Worked server side created data models for mobile usage analysis. Where data is captured from background service in mobile fetches mobile network usage across applications.

**Project Link :** website link(Click Here)     **Project Link :** Server Repo(Click Here)

**3D Modelling and Visualization**: *QT++, C++, VTK*

- Build a Visualization tool for creating physical 3D printed models from CT, MRT which is used for medical surgery

**Project Link :** Project Repo(Click Here)

## SKILLS

**Languages:** Java , JavaScript , C++ , C , Python(Basics) , PHP , LaTeX(Basics)
**Technologies:** Springboot , ResctJS (Basic) , Node.JS , POSTgreSQL , MySQL , GIT , JIRA , Windows , Linux