

# Saikrishna Mundrati

@: saikrishna1793.sk@gmail.com

☎: +91-9989632260

🌐: siki1793.github.io

🐙: github.com/siki1793

## WORK EXPERIENCE

### USEReady Technologies

Senior Software Engineer · Engineering Team

Bangalore, India

July 2017 - Present

- **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 and Email Integration in CorDL:** *Java, Springboot, PHP, 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.
- **Reporting and Analytics in CorDL:** *D3.js, Javascript, PHP, MySQL*
  - 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.

Software Engineer Intern · IOT Team

Bangalore, India

Jan 2017 - July 2017

- **Video Analysis:** *C++, QT++, GIT, Python, MySQL, OpenCV, libVLC*
  - Designed and implemented Video Management System GUI. Architecture of system and development from the scratch. And setup and maintained source control for projects.
  - 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

Master of Technology in Information Technology; CGPA 2.91/4

Karnataka, India

2015 - 2017

### Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad (JNTUH)

Bachelor of Technology in Information Technology; Percentage 77.5

Telangana, India

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\(Click Here\)](#)

### IIITB SDC: *Java, Jersey, Jenkins, MySQL, Phonegap, Html, CSS, Javascript*

- SDC is a platform to create applications for College, part of applications development process build multiple web services and cross platform mobile application for student management

### 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 , ~~TeX~~(Basics)

**Technologies:** Springboot , ResctJS (Basic) , Node.JS , PostgreSQL , MySQL , GIT , JIRA , Windows , Linux

## ACHIEVEMENTS

---

- Secured 1021 AIR (99.11 percentile) in GATE 2015 - Computer science paper
- Received Annual Award for best Contribution - 2018 from USEReady Technologies
- Received Customer Delivery Excellence - Aug 2017, Outstanding Contribution in Development activities - Sept 2018 awards from USEReady Technologies
- 3D modeling and visualization Project appeared as article in Bangalore Mirror and Times Of India.

## EXTRA CURRICULAR ACTIVITIES

---

- Participated in I-Stream Hackathon 2018 and build a working prototype (Project Repo)
- Received finisher's medal in ABAI FEST DREAMWORKS HACKATHON 2016
- 2nd place in Mobitronix Work shop conducted by Technophilia systems at GRIET college and 1st place in robotics event.
- Member of IIITB Food Committee 2015-2016.
- Core Committee Member for Xkernel 2014 which was conducted at GRIET.