

# Saikrishna Mundrati

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## 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 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

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\(Click Here\)](#)

### 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

## AREA OF INTEREST

Data Structures and Algorithms, DBMS, Operating Systems

## ACHIEVEMENTS

- Secured 1021 AIR (99.11 percentile) in GATE 2015 - Computer science paper
- Received Annual Award for best Contribution - 2018, 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.