

Saikrishna Mundrati

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OBJECTIVE

To work in challenging environment and constantly enhancing my skills, by using engineering and interpersonal skills to bring creative ideas to solve business problems.

EDUCATION

International Institute of Information Technology, Bangalore <i>Master of Technology in Information Technology; CGPA 2.91/4</i>	Karnataka, India 2015 - 2017
Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad (JNTUH) <i>Bachelor of Technology in Information Technology; Percentage 77.5</i>	Telangana, India 2011 - 2015
Narayana KPIC IIT academy, Hyderabad <i>Board of Intermediate Education in MPC; Percentage 88.8</i>	Telangana, India 2009 - 2011
All Saints' [E.M] High School, Hanamkonda <i>Secondary School Certificate Education; Percentage 76</i>	Telangana, India 2008 - 2009

WORK EXPERIENCE

USEReady Technologies <i>Senior Software Engineer · Engineering Team</i>	Bangalore, India July 2017 - Present
<ul style="list-style-type: none">○ Backend services , CorDL: <i>Java, Springboot, MySQL</i><ul style="list-style-type: none">• Designed Backend, microservice based architecture for CorDL Product.• Designed and developed Custom Authentication Service an alternative for OAuth2 based authentication. And developed Multiple microservices for CorDL (Client, Timesheet, Emails).○ MailBox and Email Integeration , CorDL: <i>Java, Springboot, PHP, MySQL</i><ul style="list-style-type: none">• Introduced Client Communication System, works as AI Service 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 , CorDL: <i>D3.js, Tableau, PHP, MySQL</i><ul style="list-style-type: none">• 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.○ Embedded Report Integration , Morgan Stanley: <i>Javascript, Angular</i><ul style="list-style-type: none">• Involved in POC for client, Integrated tableau reports in angular and successfully converted as client.	
ByDesign India Pvt. Ltd. <i>Software Engineer Intern · IOT Team</i>	Bangalore, India Jan 2017 - July 2017
<ul style="list-style-type: none">○ Video Analysis: <i>C++, QT++, GIT, Python, MySQL, OpenCV, libVLC</i><ul style="list-style-type: none">• 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.	

PROJECTS

- Mobile Data Analysis:** *Node.js, MongoDB, Heroku, Express*
- As part of Masters project, worked server side created data models for mobile usage analysis.
 - data is captured from mobile app which runs as background service in mobile fetches mobile data and wifi usage based on applications.
- Project Link :** [website link\(Click Here\)](#) **Project Link :** [Server Repo\(Click Here\)](#)
- IITB 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*

- As Part of Master Project, Created a desktop application for creating physical 3D printed models from CT, MRT using Makerbot replicator

Project Link : [Project Repo\(Click Here\)](#)

B-Rep Modeller: *C++*

- Created a data structure for B-Representations model which create a printable 3D Model from json input file

Project Link : [Project Repo\(Click Here\)](#)

SKILLS

Languages: Java , JavaScript , C++ , C , Python(Basics) , PHP , ~~W~~TeX(Basics)

Technologies: Springboot , Node.JS , MySQL , GIT , JIRA , Tableau , QT , Windows , Linux

ACHIEVEMENTS

- Secured 1021 AIR (99.11 percentile) in GATE 2015 - Computer science paper
- 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.