

# Ravi Prakash

**B.Tech, CSE**  
IIIT Sri City

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## Ravi Prakash

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## Interest Areas

Software Development, Networking, and Blockchain.

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## Education

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### Indian Institute of Information Technology, Sri City / B.Tech

August 2015 - May 2019, Sri City, Andhra Pradesh

Currently pursuing the degree with Honours in Computer Science and Engineering domain.

**CGPA:** 8.07/10

### Loyola High School / AISSCE

April 2012 - March 2014, Patna, Bihar

Studied Physics, Chemistry, Maths, English and Information Practices here.

**Marks:** 87.6%

### Chapra Central School / AISSE

March 2012, Chapra, Bihar

Studied Science, Social Science, Maths, Hindi and English here.

**CGPA:** 9.2/10.

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## Skills

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### Technical Skills

Programming Languages:

C, C++, Java, JavaScript, PHP, Python

Web Technologies:

HTML, CSS, Bootstrap

Databases:

MySQL, MongoDB

Frameworks:

Web2py, Django, Spring, Hyperledger Fabric, Hibernate

IDEs:

Android Studio, Eclipse, Netbeans

Platforms:

Ubuntu, Ubuntu Server, Windows

Server Administration Softwares:

Apache HTTP Server, SSH, Virtual Box, Docker, LXC

### Soft Skills

- Communication
- Critical thinking
- Positive Attitude
- Believe in Teamwork
- Work ethic

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## Experience

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### IIIT, Sri City / Project Assistant

August 2017 - Present, Sri City, Andhra Pradesh

His role is to introduce required technologies, maintain servers, solve network related issues, and develop automation tools.

#### Achievements

- Introducing DC++ has become one of the most used platforms by faculties, staffs, and students for entertainment.
- Application of reverse proxy let the hosting of web services at institute easier.

### IIIT, Sri City/ Intern

May 2017 - July 2017, Sri City, Andhra Pradesh

Developed video streaming and sharing site named **Pixeo**, lab automation tool named **Libellus** which were the essential needs of the institute.

#### Achievements

- Institute professors and students use the **Pixeo** for watching and sharing video lectures which saves their time and efforts in searching on the internet.
- **Libellus** has been proved an appropriate tool for system admins in managing lab systems.

### IIIT, Sri City / Teaching Assistant

August 2016 - December 2016, Sri City, Andhra Pradesh

He was a Teaching Assistant for IT-Workshop. It involved assisting the professor in teaching first-year students web development technologies (like HTML, CSS etc), basics of Linux, and scripting languages (like Bash, Javascript).

#### Achievements

- Students found the importance of open source software.
- Students showed more interests in designing websites.

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## Projects

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### Pouch

August 2017 - Current, Sri City, Andhra Pradesh

It is an e-wallet project to help institute students to pay for the services provided by it. The concept of Blockchain is being used for transactions logging and security.

### FundAlly - Research Fund Management System

January 2018 - July 2018, Sri City, Andhra Pradesh

It is a software to track and manage the research funds expenses for the projects provided to the faculties by the institute or any other organization.

### F.I.R.O.B. - Fundamental Interpersonal Relations Orientation Behavior

October 2017, Sri City, Andhra Pradesh

It is a platform to analyze a user's behavior based on some questions, written in PHP. The methodology of behavior analysis was designed by Prof. Joe Tun Sein of Syndrilla Education.

### Bifrost - A search engine

November 2017 - December 2017

A search engine on the principle of Information retrieval which involves indexing, query processing, summarization, page ranking etc concepts.

### **Pixeo - A Video Sharing and Streaming Site**

May 2017 - June 2017

It is a platform available on the IIITS intranet to upload and stream video lectures, written in PHP from scratch.

### **Libellus**

May 2017 - June 2017

It is a tool to execute Linux commands on multiple systems, written in Java.

### **Lazzarus**

October 2016 - December 2016

A MiniOS simulator, build on Java. It includes simple text-editor, terminal, Music Player.

### **Invisible Broken Wire Detection Robot**

March 2016, Sri City, Andhra Pradesh

This project was developed to detect the location of the broken part in the wire. It is a software-hardware project which uses Arduino MCU.

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## **Awards**

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### **3rd Position, Code For Beer**

January 2018, Bangalore, Karnataka

It was a hackathon jointly hosted by DoSelect and Hasura. The project was a web-app for Visual Question Analysis in the area of Computer Vision.

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## **Position of Responsibility**

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### **Musical Performance Co-ordinator, Abhisarga**

March 2018, IIIT Sri City, Andhra Pradesh

He was the coordinator for the Musical Performances of Astra House for Abhisarga 2018.

### **CS 1.6 Event Organizer, Abhisarga**

March 2018, IIIT Sri City, Andhra Pradesh

Lead organizer of C.S. 1.6 event hosted at Abhisarga 2018.