

Sriya Sainath

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EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA B.TECH. IN COMPUTER SCIENCE AND ENGINEERING

Expected 2019 | Rourkela, India
First Position in Academics
Cum. GPA: 9.92/10

LOYOLA SCHOOL

INTERMEDIATE, SCIENCE

2015 | Bhubaneswar, India

Academic Excellence Award for 10+2
Percentage: 95.60 / 100

LOYOLA SCHOOL

MATRICULATION

2013 | Bhubaneswar, India

LOYOLA SCHOOL

Percentage: 93.33 / 100

LINKS

Github:// [sriyasainath](#)

LinkedIn:// [sriya-sainath](#)

SKILLS

General Programming

JAVA, Python, C, C++

Databases

MySQL, ORACLE, SQLite

Frameworks

DJANGO, Bootstrap

Markup and Style Sheet Languages

HTML, CSS

Computer-Aided Design

AutoCAD, SolidWorks

Others

JavaScript, MATLAB, Git, MS Office,

LaTeX

COURSEWORK

UNDERGRADUATE

Linear Programming

Algorithm Analysis and Design

Computer Organization and Architecture

Data Structures and Algorithms

Database Management Systems

Principles of Programming Languages.

EXPERIENCE

GOOGLE DEVELOPER STUDENT CLUBS | LEAD | PRESENT

- Lead under the Google Developers Program for university students to help build mobile and web development skills and knowledge.
- Aims at facilitating solution development initiatives for local organizations.

IIT BOMBAY, PROJECT EKALAVYA | INTERN | MAY-JULY, 2017

<https://github.com/sbhs-iitb/>

- Open Source Knowledge Initiative under the National Mission on Education through ICT.
- Worked on developing a remote-triggered virtual laboratory.
- Implemented a load-sharing and scalable architecture.
- Created a reliable master-slave system with a centralized database to avoid data inconsistencies.

JINDAL STAINLESS LIMITED | INTERN | DECEMBER, 2016

- Conducted a study on the existing Internet Security features along with the overall functioning of the IT department
- Worked on establishing the IT policies of the industry.

PROJECTS

SELF-REGULATING TRAFFIC MANAGEMENT SYSTEM

AUGUST 2017-PRESENT

Built a City Grid Simulator to model real-time traffic and implemented path-finding algorithms using data analyzed by processing live videos.

CONTROLLABLE BOT | JUNE-JULY, 2016

A robot whose movement can be controlled, viewing the path through a camera installed for detecting obstacles or fire hazards. It can be directed with an Android phone.

NIT ROURKELA ALUMNI ASSOCIATION | JUNE-JULY, 2017

Website development for the NIT Rourkela Alumni Association(NITRAA) that serves to connect various alumni and students together.

HARDWARE MUSEUM | 2016-2017

Created and presented a hardware museum under the technical society of NIT Rourkela.

AUTHORIZED CHATTING APPLICATION | MAY-JUNE, 2016

An interactive application that allows unique user registration and both private, one-to-one messaging and a general discussion forum.

AWARDS

2015	ISC Topper	Kingston Education Awards
2015	First Rank, HSC	Inductotherm (India) Pvt. Ltd. Scholarship
2015-17	1 st position	First and Second year, NIT Rourkela
2014-15	State	Science, Maths, English Olympiads (NSO,IMO,IEO)
2012	School	Best Athlete
2015	School	Academic Excellence Award for 10+2
2010	Best Player	Throw-ball
2017	1 st position	Disaster Diagnostics
2010	1 st position	Script Writing
2009	Team Captain	Basketball (Runners-up)

EXTRA-CURRICULAR ACTIVITIES

2017-Present	Mentor	Student Counselling Program
2016-17	Dean's Nominee	Games and Sports Society
2015-Present	Vice President	Clarion (Debating/Literary Club)
2017-Present	Technical Head	D361 (Magazine and Website)
2015-Present	Creative Head	SPAWN (Technical Club)
2016-17	Journalist	Monday Morning (E-newsletter)
2015-Present	Writer	Et Cetera (Literary Website)
2017-Present	Member	AASRA (Social Service Club)