Sriya Sainath

sainathsriya@gmail.com | +91-8342036899

CAREER OBJECTIVE

To achieve a promising position in a stimulating workplace such that my skills and capabilities are optimally utilized for organizational and personal development.

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, ROURKELA
B.Tech. in Computer Science and Engineering
Expected 2019 | Rourkela, India
Cum. GPA: 9.92/10

Intermediate, Science
2015 | Bhubaneswar, India
Loyola School
Academic Excellence Award for 10+2
Percentage: 95.60 / 100

MATRICULATION
2013 | Bhubaneswar, India
Loyola School
Percentage: 93.33 / 100

LINKS

Github:// **sriyasainath**
LinkedIn:// **sriya-sainath**

COURSEWORK

UNDERGRADUATE
Linear Programming
Algorithm Analysis and Design
Computer Organization and Architecture
Data Structures and Algorithms
Database Management Systems
Principles of Programming Languages.

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
Other Software
JavaScript, MATLAB, MS Office, LaTeX

EXPERIENCE

IIT BOMBAY, PROJECT EKALAVYA | Intern | May-July, 2017
- 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 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, and which 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

Year	Award	Detail
2015	ISC Topper	Kingston Education Awards
2015	First Rank, HSC	Inductotherm (India) Pvt. Ltd. Scholarship
2015-17	1st 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	1st position	Disaster Diagnostics
2010	1st position	Script Writing
2009	Team Captain	Basketball (Runners-up)

EXTRA-CURRICULAR ACTIVITIES

Year	Role	Organization
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)