



# Donthamsetti Sree Harsha

B.Tech – Electronics and Communication Engineering – IIT, Dhanbad



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## WORK EXPERIENCE

### eXlygenze Senseworks PVT LTD — Software Development Engineer (SDE) Intern

JUN - AUG 2021 (2 months)

During this on-campus internship time, I worked on a project in Flutter mobile app development - 'Assessment center and Polls module' and have designed, built this application that works on both android and ios for the eXlygenze Senseworks PVT LTD.

### Exposys Data Labs — Software Developer Intern

JUN - JULY 2021 (1 month)

During this off-campus internship time, I worked on a project in Software development of - 'English-to local-language translator Language'. The object-oriented methodology was used in the design and implementation of the machine translator. Java technology was used for the development of the software. Computational linguistics dispositions and potential methods to automate natural language were explored and applied to the development of a machine translator.

### GRIP At The Sparks Foundation — App Development Intern

MAY 2021 (1 month)

Mobile App Developer is the role in which I have worked with Sparks Foundation to create and develop Banking Systems App (application) which is fully functional and covers every step involved when a bank transaction is made with ease.

## PERSONAL PROJECTS

### Pathfinding Visualizer Web App

I built this application because I was fascinated by pathfinding algorithms, and I wanted to visualize them in action. I hope that you enjoy playing around with this visualization tool just as much as I enjoyed building it.

Sources used: React Js, Dijkstra algorithms based visualizer, Website (not responsive to mobile screens for now):

<https://github.com/HarshaStrix/path-finding-visualizer-web-app>

<https://harshastrix.github.io/path-finding-visualizer-web-app/>

## EDUCATION

### Indian Institute of Technology (ISM), Dhanbad — Bachelor of Technology in Electronics and Communication Engineering

JULY 2018 - MAY 2022 CGPA - 7.20

### Tirumala Junior College, Rajahmundry

12th - APRIL 2016 - APRIL 2018 - 98.2% (982/1000)

10th - APRIL 2015 - APRIL 2016 - 97% (9.7)

## SKILLS

- **Strong:** C++, C, Dart, Flutter App Development
- **Intermediate:** Java, Machine Learning, Android App Development, HTML5, CSS3, firebase.
- **Beginner:** Python, Cloud computing, JavaScript, React js.

## POSITIONS OF RESPONSIBILITY

- Undergraduate (UG) Committee member for the department of Electronics and Communication Engineering.
- Internet and UPS Coordinator and a key member in the Warden Office of JASPER HOSTEL 2k18-19 in my 1st year of IIT ISM Dhanbad.
- Class Representative for the department of Electronics and Communication Engineering for the whole BTech of every semester.
- Event Organizer for Embitrex, the Technical event of concetto 2k19 IIT ISM Dhanbad.
- Organizing team member of Srijan 2k20, the Cultural Fest of IIT ISM Dhanbad.

## ACHIEVEMENTS

- Secured state 19th rank in AP Polytechnic Common Entrance Test (AP POLYCET) 2k16, conducted by the State Board of Technical Education and Training (SBTET) of Andhra Pradesh.
- Secured state 74th rank in Andhra Pradesh Residential Junior College Common Entrance Test (APRJC) 2k16, conducted by the Andhra Pradesh Residential Educational Institution Society (APREI), Amravati.

## Portfolio Website

This is my portfolio website which is completely responsive and was built using some advanced concepts of HTML5, CSS3, JavaScript, Bootstrap elements, and some plugins.

<https://myfolio-strixblog.web.app/>

## Strix Password Manager Application

A Password Manager coded entirely in Flutter which supports both ios and android, used three layers of security. It saves passwords in your phone's local storage, thus no issue of data Leak from a server.

Your password String is encrypted itself, the entire database is encrypted. Moreover, it uses your phone's Bio (Fingerprint) auth which is single-time Allow only, which means if you press home or back, you will have to re-authenticate.

<https://github.com/HarshaStrix/Strix-Password-Manager-flutter>

## Banking Systems Application

Banking System App which keeps track of its users and their transaction history. Has a user-friendly UI and enhanced design which helps to navigate with ease.

Uses SQLite for Database storage. The application is based completely on Java and developed for Android users using Android Studio.

<https://github.com/HarshaStrix/BasicBankingApp>

## StrixTime — Task Manager App

## LineUp — To-Do list application

This is a To-Do list application that comes with a simple, enhanced design and UI. This application is very handy to use which helps you organize tasks and stay on top of your deadlines. You can use it to manage everything from grocery lists to work-related tasks and more.

Sources used: Flutter, Android Studios, Java, dart

StrixTime: <https://github.com/HarshaStrix/Task-Manager>

LineUp: <https://github.com/HarshaStrix/Line-Up/tree/main>

- Secured All India Open Category Rank (AIR) **top 4%** in Joint Entrance Examination - Advanced (IIT JEE-Advanced) 2k18 which is considered as one of the most difficult exams in the world and (AIR) **top 0.5%** in JEE Mains 2k18.
- Awarded **CHILD PICASSO** as a National award for the achievement of **National 1st** in all INDIA Painting competition 2k14 and multiple state 1st awards in painting .
- Awarded **ANDHRA BALA RATNA** in sports ( Martial Arts ) by the **State Government of Andhra Pradesh**.
- Freeship from **MCM (Merit Cum Means) Scholarship** provided to the top 10% based on academics of IIT ISM Dhanbad.
- Awarded **State 1st** multiple times in **Karate** and **Taekwondo**. I am also one of the very few who were selected for the national and international tournament of **Taekwondo**.
- Secured **3rd** place in **Electrobuzz**, **1st** place in **EARTH**, and **3rd** place in **Tesla of Concetto** 2k18, the biggest Techno-management Fest of Eastern India from IIT ISM Dhanbad.

## COMMUNITY SERVICE

**Mental Health Youth Advocate** in **findhope** community, a free anonymous and virtual mental health support. This incredible community of like-minded youth seeking to change India's perception towards Mental Health and helped many students to overcome their fears.

<https://findhope.in/>

[https://www.instagram.com/p/B4NA7rhlq03/?utm\\_source=ig\\_web\\_copy\\_link](https://www.instagram.com/p/B4NA7rhlq03/?utm_source=ig_web_copy_link)

## CUSTOM SECTION

- **Interest and Hobbies:** Painting, Reading books, chess, competitive coding.

## EXTRACURRICULARS

- Key Member of **ARTFREAKS - Art Club** of IIT ISM Dhanbad.
- Member of **CLEVR - ECE departmental Club** of IIT ISM Dhanbad.