



# Lalu Prasad Lenka

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Bhubaneswar 📍

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Full-Stack web, Electron developer and Machine Learning enthusiast. I am super passionate about the reach of technology and when it comes to conquering new frontiers, I want to be there in the forefront.

## WORK EXPERIENCE

### Machine Learning Intern Tata Consultancy Services

06/2017 – 7/2017

Chennai

#### Achievements/Tasks

- Worked on product's Image Attribute Extraction using Deep Neural Networks.
- Used CNN RNN architecture to built Optical Character Recognition engine.

### Opensource Contributor Zulip & FOSSASIA

03/2017 – 7/2017

Zulip is a powerful Opensource chat application , FOSSASIA is the premier Free and Open Source technology organization in Asia

#### Tasks/Achievements

- Active contributor to the FOSSASIA & Electron app for Zulip Organization.

### Research Intern Indian Statistical Institute , Kolkata

06/2016 – 08/2016

Kolkata

Worked under prof. Bimal K Roy in a project on block ciphers and S-boxes.

#### Tasks/Achievements

- S-boxes are important part of block ciphers like DES and AES, I evaluated couple of cryptographic properties of S-boxes.
- Found the weakness in DES & AES S-boxes, designed a better S-box.

## PERSONAL PROJECTS

### Gesture to speech Conversion using leap motion controller (12/2016 – 7/2017)

- A Communication model for hearing and speech impaired using Gesture Recognition for Indian Sign Language.
- 1-Supervised Machine Learning Classifiers
- 2-Javascript tools for recording and visualising hand gestures
- 3-Handling data in JSON and CSV format

### Clean India Web App (12/2016 – 01/2017)

- A web-app to gamify the idea of Swachh Bharat Abhiyan
- A web app that aims to bring a change in the way we conceive the idea of "Swachh Bharat Abhiyaan".

### Hostel Doors (03/2017 – 7/2017)

- A web app completely based on MEAN stack to help search people in the hostel, find their room number and roommates.

## EDUCATION

### Bachelor of Technology in Computer Science & Engineering College of Engineering & Technology, Bhubaneswar

07/2014 – 7/2017

8.79 CGPA till 5th sem

### Higher Secondary Education D.A.V Public School, J.A,Talcher

05/2011 – 04/2013

91%

### Secondary Education D.A.V Public School, J.A,Talcher

05/2010 – 04/2011

10 CGPA

## SKILLS & COMPETENCES

C++

Electron

Git

Java

Javascript

JQuery

Mongodb

Neural Networks

Node js

Python

Tensorflow

Web Sockets

## ACHIEVEMENTS

### Winner in IEEE colloquium bhubaneswar Subsection

Won first prize in paper presentation at IIT Bhubaneswar.

### Finalist in TCS Hackathon

Went to the top 10 teams selected in TCS hackathon held at VJTI, Mumbai.

### Represented College at Knowlegexpo /IETF 2017

Represented our college at Inter national Engineering & technological fair at Delhi.

### Winner of Design Sprint in Perception 2015

won the web designing competition in college.

### CET Merit scholarship for meritorious students

Received CET merit scholarship every year since 1st year.

## CERTIFICATES

### Cisco Certified Network Academy

Certificate of completion of Networking course on Routing and Switching

### CTTC Certificate

Certificate of completion of Advance Java course

### QEEE Certificate

Certificate of completion of Basic Graph Algorithm course

## LANGUAGES

English

Upper-intermediate

Hindi & Odia

Native or Bilingual

## INTERESTS

Competitive Coding

Web Development

Machine Learning

Opensource Contributions