



# Lalu Prasad Lenka

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Bhubaneswar

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Full-Stack web 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

### Research Intern

Indian Statistical Institute , Kolkata

06/2016 - 08/2016

Kolkata

Worked under Prof. Bimal K Roy in a project on cryptography.

#### 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.

### Collaborator @ Zulip

Zulip

03/2017 - Present

Zulip is a powerful Opensource chat application

#### Tasks/Achievements

- Contributor to the Electron app for Zulip
- Has solved couple of persistent issues in the app

## Personal Projects

### Gesture to speech Conversion using leap motion controller (12/2016 - Present)

- 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 - Present)

- 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 - Present

8.8 CGPA till 5th sem

### Higher Scondary Education

D.A.V Publiuc School, J.A,Talcher

05/2011 - 04/2013

91%

### Secondary Education

D.A.V Publiuc School, J.A,Talcher

05/2010 - 04/2011

10 CGPA

## Skills & Competences

Javascript

C++

Python

Java

Node js

Electron

Git

Mongodb

Web Sockets

JQuery

## 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.

## Certificates

### QEEE Certificate

Certificate of completion of Basic Graph Algorithm course

### CTTC Certificate

Certificate of completion of Advance Java course

### Cisco Certified Network Academy

Certificate of completion of Networking course on Routing and Switching

## Languages

English

Upper-intermediate

Hindi

Native or Bilingual

Odia

Native or Bilingual

## Interests

Web Development | Machine Learning |  
Competitive Coding