



Lalu Prasad Lenka

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A seasoned developer & an aspiring Data Scientist. 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

Data Science Intern

Aptus Data Labs

01/2018 – Present

A Data Engineering & Advanced Analytics firm

Bengaluru

Achievements/Tasks

- Responsible for implementing statistical machine learning solutions to various business problems such as shipping chain optimization, demand forecasting.
- Built highly efficient document management and processing system using Text Mining.
- Operationalized analytical models in various platforms.
- Got started with Hadoop, Hive and MapR.

Machine Learning Intern

Tata Consultancy Services

06/2017 – Present

Chennai

Achievements/Tasks

- Worked on product's Image Attribute Extraction using Deep Neural Networks.
- Developed a CNN RNN architecture to built an Optical Character Recognition engine.
- Implemented the complete model using Keras API.

Opensource Contributor

Zulip & FOSSASIA

03/2017 – Present

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

Tasks/Achievements

- Contributed to FOSSASIA event web-app increasing it's functionality.
- Fixed number of bugs in Zulip's Electron app.
- Robust commits.

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.
- Architected and implemented a better S-box.

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-JS tools for recording and visualising hand gestures & handling data in JSON and CSV format.

SKILLS & COMPETENCES

C++ Electron Git Java

Javascript JQuery MongoDB

Neural Networks Node js Python

Tensorflow Keras Web Sockets

R Rapidminer SQL

Machine Learning

ACHIEVEMENTS

Winner in IEEE colloquium bhubaneswar Subsection

Won first prize in paper presentation at IIT Bhubaneswar.

Finalist in TCS Hackathon

Went to the top 8 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

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 & Odia

Native or Bilingual

INTERESTS

Competitive Coding

Machine Learning

PERSONAL PROJECTS

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.

INTERESTS

Opensource Contributions

Application Development

EDUCATION



Bachelor of Technology in Computer Science & Engineering

College of Engineering & Technology, Bhubaneswar

07/2014 – Present

8.75 CGPA till 6th sem



Higher Secondary Education

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

05/2011 – 04/2013

91%