

Neeraj Pratap Singh

COMPUTER SCIENCE UNDERGRADUATE

Ramaiah Boys Hostel, MSRIT Bangalore

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Education

Ramaiah Institute of Technology, Bangalore

B.E. IN COMPUTER SCIENCE AND ENGINEERING

Aug. 2017 - PRESENT

Cumulative Grade Point Average, CGPA: 9.67/10.00

HAL School Korwa, Amethi

COMPLETED 10TH AND 12TH (PHYSICS, CHEMISTRY, MATHEMATICS, COMPUTER SCIENCE, ENGLISH)

July 2003 - May 2017

Senior Secondary School (CBSE) : 94.2%

Scored highest marks in Mathematics(98/100) in School.

Secondary School (CBSE) : 10 CGPA

Received Merit Certificate from CBSE for outstanding performance.

Projects

Stock Market Prediction using Machine Learning

MACHINE LEARNING PROJECT

Jan 2020

- I used regression and tree based models to predict the open price of stock market companies.
- I extracted live stock trading data from Quandl using Quandl API.
- **Tech Stack** : Numpy-Pandas-Sklearn

SMART BUS Application

ANDROID APPLICATION PROJECT

Aug' 2019

- Developed an Android Application that can check the live location of buses and also implemented emergency SOS feature.
- Used Deep Learning to predict the availability of seats under different conditions.
- Explored machine learning concepts.
- **Tech Stack** : Java, Android Studio

Books Review Website

WEB DEVELOPMENT PROJECT

June 2019

- Users can login/register to the website and access books reviews by other users.
- This application allows you to add books and write reviews about the book.
- **Tech Stack** : Node.js, React.js, JavaScript, HTML, CSS

To-do list Website

WEB DEVELOPMENT PROJECT

March 2019

- Implemented basic CRUD on Online Web Application which lets user to add or delete items from to-do list.
- **Tech Stack** : Node.js, React.js, SQL

Achievements and Certificates

2017-'20 **Department Rank 10** , Computer Science and Engineering

Oct' 2018 **Among Top 2% of National Toppers**, NPTEL Online Certificate

Dec' 2019 **Web Development Zero to Mastery**, Certificate of completion

Skills

Programming Languages C++, C, Python, JavaScript

Web Development Node.js, React.js HTML, CSS, SQL

Computer Science Concepts Object Oriented Programming, Data Structures and Algorithms

Relevant Courses

- Data Structures • Design and Analysis of Algorithms • Data Mining • Computer Networks • Machine Learning • DBMS
- Object Oriented Programming(C++) • Unix and Python scripting • Discrete Mathematical Structures • Operating Systems