

Prateek Sahu

PERSONAL DATA

DATE OF BIRTH: 02 August 1998
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CODECHEF : [codechef.com/users/peter1337](https://www.codechef.com/users/peter1337)

EDUCATION

AUGUST 2017 -PRESENT B.tech in COMPUTER SCIENCE AND ENGINEERING,
National Institute Of Technology, Karnataka, Surathkal, Mangalore.
Course Undertaken(Selected): Data structure And Algorithm, Design And Analysis of Algorithms, Operating Systems, Data Communication, Object-oriented Programming(in Java), Concrete Mathematics.
CGPA: **9.02/10**

APRIL 2014 -March 2017 Class 12th and 10th from **St. Paul Sr. Secondary Co-Ed School**, Bhopal (CBSE).
Class 12-**90.6%**,Percentile Score:**96.33**.
Class 10-**9.2** CGPA.
Ranked **4960** in JEE Mains 2017 among 1.2 Million Applicants.

TECHNICAL EXPERIENCE

• PROJECTS

- **Friends of Farmers Android App:**
 - * Attempt to build an Android App that will allow farmers to directly sell their crops to customers without the interference of any middleman.
 - * App had functionalities such as allowing farmers to view and change crop stock and price. Also, farmers can see the details of customers who have ordered a specific item from him.
 - * The app will also allow the user to purchase crop from different farmers, get deals of the day and rate farmers based on their experience.
 - * Project Repository Link: <https://github.com/sdew021/FriendsOfFarmers>
- **Text Analysis:**
 - * Using Natural Language Processing with NLTK, building a model to automate the task of summary making.
 - * Input to the model is long text and it produces a summary that best fits with text.
 - * We have compared two models of extractive summarization namely Word frequency model and TFIDF model.
 - * Project Repository Link: <https://github.com/Prateek1337/Text-Analysis>

• ACHIEVEMENTS

- Executive Member, **ISTE NITK** and **technites Engineer-2018** (Technical fest, NITK).
- Completed **IET** Competitive Programming Summer Mentorship (April 2018-July 2018).
- **4-star** rating at Codechef.
- Secured a **global rank of 274** in Codechef June challenge(2019) among 9768 participants .

TECHNICAL SKILLS

Intermediate Knowledge: C, C++, PYTHON, LINUX, MACHINE LEARNING, ALGORITHMS, DATA STRUCTURES, JAVA.
Basic Knowledge: DEEP LEARNING, CONVOLUTIONAL NEURAL NETWORKS, NLTK, ANDROID DEVELOPMENT.
Software Utilities: ANDROID STUDIO, INTELLIJ IDEA, JUPYTER NOTEBOOK, GIT, ANACONDA .

INTERESTS AND ACTIVITIES

Technology, Android Development, Open-Source, Competitive Programming,
Data Analysis and Machine Learning, Swimming.