

# Abhishek Mishra

## PERSONAL DATA

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## WORK EXPERIENCE

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| AUG 2018 - CURR | <p><b>Software Developer at MINDFIRE SOLUTIONS, Bhubaneshwar</b><br/><b>Social network Ad campaign application:</b></p> <p>An application suite to run Ad campaigns on different social networking sites. This is the platform where trending social media influencers and brands meet. Social media influencers with considerably high followers will be on boarded to the platform. The brands looking to market their products will choose the influencers whose interest lies in the type of the product they want to market. Influencers invited to the campaign will post the social media posts featuring the products of the specific brands through our platform. All the engagements attracted by the posts are tracked using the official API of the specific platforms. Necessary analytics and sentiment analysis reports are generated to showcase the reach and impact of the campaign on the specific brand and their product. Some points related to my role in the project.</p> <ul style="list-style-type: none"><li>* Developing Apis for the app.</li><li>* Generating training file from raw comments by applying some data science techniques</li><li>* Train a word2vec model using this training file.</li><li>* Perform sentiment analysis and generate semantic map using the trained word2vec model.</li><li>* Using Mysql and Mongodb database.</li><li>* Using RabbitMQ message broker.</li><li>* Project is mainly developed using Ruby on Rails, whereas some data science and ML related services are implemented in Python.</li></ul> |
| MAR - JUL 2018  | <p><b>Software Developer at APT SOFTWARE PVT LTD, Kolkata</b></p> <p>Developed a Secure attendance system using Blockchain technology. I had written Smart contracts to store the records generated by another helper program in the Blockchain, so that it will become immutable and provides a very secure system. It is not only limited to just storing the data, it can also be used to automate an operation. I had used Nodejs to interact with the Blockchain.</p>  |
| MAY - JUL 2017  | <p><b>Summer Intern at IIT KHARAGPUR</b></p> <p>Developed a Dictionary for blinds in python. The app will listen the word said by the user and speak out the meaning of that word in Hindi. I had used gtts to convert text to speech and Pocketsphinx to covert the speech to text.</p>  |

## EDUCATION

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- MAY 2018    **B.Tech in COMPUTER SCIENCE**  
Institute : INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, KALYANI  
Year: 2018  
CGPA: 9.2/10
- MAY 2014    **12th CBSE**  
School : KENDRIYA VIDYALAYA, DIPATOLI RANCHI  
Year: 2014  
PERCENTAGE: 93.60%
- MAY 2012    **10th CBSE**  
School : KENDRIYA VIDYALAYA, DIPATOLI RANCHI  
Year: 2012  
CGPA: 9.4/10

## OTHER SCORES

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GATE - 2018 MARKS : 45, GATE - 2018 SCORE : 588

## PROJECTS

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- OCT 2018    **Stock market prediction (Python) :**  
\* Used Amazon stock data .  
\* Done data preprocessing and analysed the statics of the data to get the important features.  
\* Used linear regression model for prediction.  
\* Accuracy was around 98%
- FINAL YEAR    **Calculate the real time heart beat using PPG signal (Arduino) :**  
\* Analyze the Photoplethysmogram (PPG) signal.  
\* Calculate the Systolic peak, dicrotic notch, diastolic notch.  
\* Use these data to calculate heart beat.
- AUG 2017    **Check the Authenticity of a bank note (Python) :**  
\* Used Decision tree classifier.  
\* Used "Bank Note" dataset from UCI datasets.  
\* Accuracy was 98.5%
- JUL 2017    **Document Similarity (Python) :**  
\* Given thousands of document we have to find similarity between them. .  
\* Done data pre-processing  
\* Made Tf - Idf vector and calculate cosine similarity
- FEB 2017    **Super Mario game development (Unity and Javascript) :**  
\* Used Unity game engine to develop super mario game.
- DEC 2016    **Email Spam checker (Python) :**  
\* Used Naive Bayes classifier for classification.  
\* Accuracy was 95.4%

## COMPUTER SKILLS

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Languages : PYTHON, C++, Core JAVA, RUBY, C, JAVASCRIPT, HTML, CSS, SOLIDITY  
Frameworks : Ruby on Rails, Flask  
Services: Mysql, MongoDB, RabbitMQ, Celery.  
Other Technologies : Blockchain, Machine Learning, Nodejs(Beginner), Unity Game Engine  
Subjects: Data structures and Algorithms, Operating System, DBMS, OOP

## ABOUT ME

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- \* Love competitive Coding
- \* Lot of interest in Data science and Machine learning.