

# Shubham Singh | Resume

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## Education

### Academic Qualifications.....

- **Jalpaiguri Government Engineering College** **West Bengal**  
*Bachelor of Technology(B.Tech) in Computer Science and Engineering,* **CGPA-7.3**
- **DAV MODEL SCHOOL** **C.B.S.E.**  
*Class X, 86.50%* **2013**
- **DAV MODEL SCHOOL** **C.B.S.E.**  
*Class XII, 86.33%* **2015**

### Notable Projects.....

- **Research Internship Project:**  
**National Institute Of Technology Patna**  
*'Data Analysis and Prediction of Maternal Health and Mortality in Asian and African Countries'*
  - I was responsible for the preliminary analysis of the Maternal Mortality and Reproductive health datasets prepared by World Health Organisation.
  - After the Preliminary analysis I trained and tested the data available with various regression models and optimization algorithms and finally was able to predict the Reproductive health and mortality ratio using the Multi-Level Regression Statistical Model and was able to minimize the error ratio using the Bayesian Optimization Technique.
  - After successful Optimization I was able to conclude that globally the Maternal Mortality Ratio. fell by approximately 44 percent over the past 25 years.

## Previous Internships

- **National Institute of Technology** **Patna**  
*Research Internship* **July 2018–August 2018**  
I was responsible for the preliminary analysis of the Maternal Mortality and Reproductive health datasets prepared by World Health Organisation. After the Preliminary analysis I trained and tested the data available with various Regression Models and Optimization algorithms and finally was able to predict the Reproductive health and mortality ratio using the Multi-Level Regression Statistical Model and was able to minimize the error ratio using the Bayesian Optimization Technique.
- **GeeksforGeeks**  
*Work From Home Internship* **May 2018–Present**  
I was responsible for writing and reviewing technical content based on data structures, algorithms and algorithm based problems in multiple languages.

## Technical and Personal skills

- **Programming Languages:** Proficient in: C, C++, Python.
- **Machine Learning Skills** Jupyter, Keras, Bayesian Optimization, Supervised and Unsupervised Machine Learning, Various Regression Algorithms, Plotting and Reading Datasets using Pandas and Matplotlib.

## Non-Degree Courses Completed

- **Applied Machine learning in Python:** Affiliated to University of Michigan  
**Mentor:** Kevyn Collins-Thompson.  
**Grade:** 97.4  
**Url:** <https://www.coursera.org/account/accomplishments/certificate/QEFGAAJ8WFT4>
- **Programming for Everybody (Getting Started with Python):** Affiliated to University of Michigan

**Mentor:**Charles Severance.

**Grade:**96.6

**Url-** <https://www.coursera.org/account/accomplishments/verify/DB7K5CF9WH2M>

○ **Introduction to HTML5**

**Mentor:**Colleen van Lent, Ph.D. Charles Severance

**Grade:**85.7

**Url-** <https://www.coursera.org/account/accomplishments/certificate/TAKPU36DBRAQ>

○ **Introduction to CSS3**

**Mentor:**Colleen van Lent, Ph.D. Charles Severance

**Grade:**92.7

**Url-** <https://www.coursera.org/account/accomplishments/certificate/7TMBCEUFUSK5>

○ **Interactivity with JavaScript**

**Mentor:**Colleen van Lent, Ph.D. Charles Severance

**Grade:**94.3

**Url-** <https://www.coursera.org/account/accomplishments/certificate/VYXJ4XQK2H9M>

## Interests and extra-curricular activity

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- I am a "Fresher Representative" in my 2nd and 3rd years of university.I am the member of Technical Committee responsible for holding technical fests in our college.
- Avid quizzer.Twice the winner of Annual quiz competition organised by the the college technical team in the technical fest of our college.Bronze Medallist in quiz organised by Me-Vero.
- I am also a competitive coding enthusiast having an active profile on various coding platforms such as Codechef,Hackerearth..
- I have experience in web developing and have completed courses covering Javascript,HTML-5 and CSS-3.

## References

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- geeksforGeeks Profile: <https://auth.geeksforgeeks.org/user/Shubhamsingh29>
- LinkedIn url: <https://www.linkedin.com/in/shubham-singh-237421148/>