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| **ACADEMIC DETAILS** |

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| **YEAR OF PASSING** | **QUALIFICATION** | **INSTITUTE** | **PERCENTAGE** |
| 2018 | B.E in Computer Science | Netaji Subhas Institute of  Technology, Delhi | 75.65% |
| 2014 | Class XII CBSE-AISSCE | Rajkiya Pratibha Vikas Vidyalaya,  New Delhi | 94.80% |
| 2012 | Class X CBSE-AISSE | Rajkiya Pratibha Vikas Vidyalaya,  New Delhi | 10 CGPA |

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| **EXPERIENCE** |

* **Software Development Engineer at WALMART LABS: August, 2018 – Present**
  + **DevOps**: E2E CI/CD pipeline, platform designing and setup for deployment of micro-services on private cloud. Came up with optimal architectural configuration for deploying services.
  + **Front-End Development**: Developed dashboard for Walmart associates which shows details of their entered invoices data using ReactJS and redux for state management.
  + **Back-End Development**: Developed APIs using Java 8 and Spring-Boot framework, to be consumed by UI Application for populating information on user dashboard.
* **Internship at WALMART LABS:**  **May, 2017 – July,2017**
  + Developed framework for automated integration and functional testing for their product, Optimizer 2.0 on TestNG framework using Maven build tool.
  + Integrated a Jenkins test automation job with the product.
* **Shuriken Live:** [**https://www.streamidea.com**](https://www.streamidea.com) **December, 2016 – March, 2018**
  + **Full Stack Development** of a responsive web-app for posting and streaming live videos to social networking sites like Facebook, YouTube, Periscope etc.
  + **Front-End Technologies Used**: HTML/CSS, JavaScript, KineticJS/Canvas, Material design.
  + Back-End Technologies Used: Ruby on Rails, FFMpeg for video streaming, Background job-processing using Resque and Redis server, Selenium with Chrome WebDriver, Xvfb for screen capture and ALSA drivers for audio capture from server, Facebook Graph and Live API, PostgreSQL, Git, Active Admin for website administration, YouTube-DL, Integrated payment with PayPal and Instamojo.
  + **Deployed On**: AWS (Application and DB servers) using Nginx and Unicorn web servers with SSL certificate, DigitalOcean (Video Streaming servers), Integrated Sentry for error detection and New Relic for system monitoring.
  + **Impact**: Made live streaming of pre-recorded content very easy. It was used **GLOBALLY by 7000+ USERS.** Social media managers of political leaders are actively using this tool to publish live content on their FB pages.
* **Internship at** **CODING NINJAS**: **March, 2017 - June, 2017**
  + Data analysis of students’ performance and their engagements throughout the course for predicting whether they will join another course in near future or not. Also trained a neural network with 77% accuracy and integrated it with web-application.
  + Created content for Machine Learning and Web Development online and offline courses.

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| **PROJECTS** |

* **Image Description Generator: April, 2018**
  + Trained a deep neural network to generate description of input image in English language. It analyses image to identify objects and relation between them to generate grammatically correct meaningful sentences.
  + **Technologies used:** Python, Keras with Tensorflow Backend, Google Colab, Ruby on Rails framework
* **Article Classification Filter: February, 2018**
  + Implemented article classification using Supervised Machine Learning (Multinomial Naïve Bayes) Algorithm from scratch in Python.
  + **GitHub URL:** <https://github.com/aakashgupta96/Learning-ML/blob/master/Aakash/TextClassificationUsingNaiveBayes.ipynb>
* **Image Editor Tool: January, 2017**
  + Made a front-end tool that includes features like combining/overlaying images, resizing and drag/drop of images.
  + **Technologies used:** HTML Canvas, JavaScript, KineticJS.

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| **TECHNICAL SKILLS** |

* **Computer Science:** Programming Languages, Data Structures, Graph Algorithms, Object Oriented Programming, Analysis and Design of Algorithms, Database Management.
* **Languages:** C/C++ (Proficient, well-experienced), Ruby, Python, Java, SQL.
* **Frameworks:** Rails (MVC framework), Sinatra, Spring-Boot, TestNG (Testing framework).
* **Front-End Technologies:** HTML5/CSS, JavaScript, ReactJS, Canvas, KineticJS, Material design.
* **Operating Systems**: Linux (Ubuntu), MacOS, Windows.

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| **ACHIEVEMENTS** |

* Won **3rd position in Smart India Hackathon, 2018** (SIH) organized by MHRD and received an **award of 50K INR**.
* Won **3rd position in Walmart GTS GBS Hackathon, 2018**. Idea was to use blockchain in procure to payment cycle.
* Among the **final 15** teams in **Spark 2 - ShopClues Hackathon 2017.**