**Vishal Aggarwal**

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India vishalagg1994@gmail.com

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**EDUCATION:** **Bharati Vidyapeeth’s College of Engineering, Delhi, India**

**Bachelor of Technology, Information Technology**, Aug 2014 - July 2018(expected)

*Overall percentage*: *75.4%*

**Mukherjee Memorial Sr. Sec. School, Dilshad Garden Delhi**

XII (Senior Secondary), Science X (Secondary)

Overall percentage: 90.8% *CGPA: 9.0/10*

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**SKILLS:** **Advanced Programming Languages:** C, Python.

**Other Programming Languages:** Java (basic), SQL.

**Web Development (Basic):** HTML, CSS, Bootstrap, PHP.

**Framework:** Django.

**Coursework:** Operating Systems; Data Structures; Object Oriented programming;

 Theory of Computation; Algorithms; Computer Networks.

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**TRAINING:** **Airports Authority India:**

Worked on APRON Management System and created a Django web app for same, under the guidance of GM V.K Sharma.

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**PROJECTS:** **Optimal Filter Size of Convolution Neural Networks for Handwritten Digit Recognition:**

* Worked on single layer CNN on 28 × 28 images (MNIST dataset) with 32 filters followed by dense fully connected neural network.
* Minimize the error from **0.99% to 0.82%.**
* The optimal filter size found to be **7 X 7**, which cannot be optimized further for the same configuration of CNN.
* Languages/ IDE used: Python/ Jupyter Notebook

**APRON Management System:**

* Worked on web app to control the parking area of airplane.
* Languages/ Frameworks used: Python, HTML, CSS, Bootstrap, Django.

**bit-url ( URL-Shortener):** [**https://biturl-.herokuapp.com/**](https://biturl-.herokuapp.com/)

* biturl is a django app to provide url-shortenening service.
* Languages/ Frameworks used: Python, HTML, CSS, Bootstrap, Django.

**File Compressor, Result Enquiry Portal,**

**Data visualization projects.** Projects Link**:**

<https://github.com/vishalagg>

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**INTERESTS:** Programming, singing, reading blogs.

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**ONLINE :** <https://github.com/vishalagg>

**PRESENCE** <https://www.hackerearth.com/@vishalagg1994>

<https://www.linkedin.com/in/vishal-aggarwal-04101b124/>