

# Curriculum Vitae

## Abhishek Dhiman



### Personal details

Contact No.: 9662667244  
Location: Accenture BDC8, Bengaluru  
Date of Birth: 18<sup>th</sup> July 1996  
Email: [sigmasix09@gmail.com](mailto:sigmasix09@gmail.com)  
Github Profile: <https://github.com/sigmasix09>  
Portfolio Website: <https://sigmasix09.pythonanywhere.com/>  
LinkedIn: <https://www.linkedin.com/in/asabhishek09/>  
Credly Profile: <https://www.credly.com/users/abhishek-dhiman.aed00826/>

### Summary

Software Engineer with expertise in Data Science, Python, Selenium and Automation-Manual testing. Obedient learner with good Analytical, Communicative, Logical & Statistical skills. Looking forward to implement the skills in Data Science, Python, Design-Simulation, CFD, Agile Product Development experience and certifications mastery can be fully utilized.

### Professional Experience

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|--|--------------------------|
| <b>Accenture</b>   | <b>Bengaluru, India</b>  |
| Software Engineer: Python Developer(Google Cloud Platform)   | July 2021 to Present     |
| <ul style="list-style-type: none"><li>• Development and Enhancement of Accenture Data Catalog API services with Flask and Python.</li><li>• Committing code changes to the Git repository and deploying the code for testing.</li><li>• Integration of Data Catalog APIs with HTTP security headers and mitigating vulnerabilities.</li><li>• Worked on API Access management of users with various roles using JWT token.</li><li>• Helping team with preparation of user stories and conducting KT sessions for the new resources.</li><li>• Assisting in Dead Lettering Queue (DLQ) deployments i.e Accenture extension for GCP Pub/Sub.</li></ul>  |                          |
| Software Engineer: Test Engineering Analyst  | August 2018 to June 2021 |
| <ul style="list-style-type: none"><li>• Led automation task using Selenium-Python for Accenture INTIENT Platform and Achieved more than 50% automation for the corresponding release.</li><li>• Condensation of automation code templates written in Selenium-Python for the team, increasing the team efficiency by 40% and reducing the deliverable time by 30%.</li><li>• Completed python code to automatically check training completion status of employees, reducing manual efforts by approximately 60% - 75%.</li><li>• Performed in many releases of Rave Adapter, Data Ingestion, Import Export Utility, TechStack Upgrade etc and given many hot-fix with Rework efforts less than 3% for all the releases.</li><li>• Designed code snippets for specific complex automation flows and functionalities of application-specific modules, increasing release completion time by 30%.</li><li>• Creation of Automation code scripts &amp; components using selenium python for the complete applications and specific modules for number of projects.</li><li>• Accelerated deliverable time (50% - 60%) by preparing reusable modular automation scripts.</li><li>• Well communicative and displayed leadership qualities within the team, allowing assignment completion in time and with the best quality.</li><li>• <b>Achievements:</b> 1-Team Award. 2-Shining Star Award received for team &amp; individual performance.</li></ul> |                          |

## Professional Skills

**Technical Skills:** Data Science, Data Analysis, Data Visualization, Cloud Databases, Python, Pandas, Numpy, Analytical & Statistical skills, Python-Flask, Rest APIs, Selenium, SQL, Automation and Manual Testing, Computer Aided Design and Simulation, Computational Fluid Dynamics.

**Tools:** IBM-Watson Studio, IBM cloud, PyCharm, Jupyter Lab, Jupyter Notebook, GitHub, GitLab, JIRA, RTC, RQM, Microsoft Office, Catia V5, Ansys Workbench, Ansys Fluent, ICEM CFD, MATLAB programming, SolidWorks

## Certifications

**Digitalization in Aeronautics and Space: Professional Certificate (Verified)** **Bengaluru, India**  
Authorized by Technical University of Munich, COURSERA July 2021 to September 2021

**IBM Data Science: Professional Certificate (Verified)** **Bengaluru, India**  
Offered by IBM, COURSERA. Duration (11 months) April 2021 to July 2021  
**Project:** [https://github.com/sigmasix09/Coursera\\_Capstone](https://github.com/sigmasix09/Coursera_Capstone)

**ENGR2000X: A Hands-on Introduction to Engineering Simulations (Verified)** **Bengaluru, India**  
Developed by Cornell University, EDX November 2020 to February 2021

**Python: Beyond the Basics, Pluralsight.** **Bengaluru, India**  
Python Programming, Best Practices. Duration (7.5 hours) October 2020 to January 2021

**Mastering Ansys CFD (Level 1), Udemy.** **Bengaluru, India**  
Ansys Fluent, ICEM CFD, CFX, Tech Plot. Duration (20 hours) August 2020 to October 2020

**Probability and Statistics in Data Science using Python(Verified)** **Bengaluru, India**  
Prepared by UCSanDiegoX, EDX. Duration (120 hours) May 2020 to August 2020

**Python Developer: Zero to Mastery, Udemy.** **Bengaluru, India**  
Conducted by Andrei Neagoie. Duration (30.5 hours) January 2020 to May 2020

**Introduction to Programming with MATLAB, Coursera.** **Bengaluru, India**  
Offered by Vanderbilt University, Nashville. Duration (35 hours) November 2019 to February 2020

**Professional in Product Design and Analysis, CADD Centre. (ID: M160892607)** **Bengaluru, India**  
Catia V5, Solidworks, Ansys Workbench, GD & T workshop. September 2016 to August 2017

## Education

**Bachelor of Aeronautical Engineering** **Bengaluru, India**  
Dayananda Sagar College of Engineering [Grade: 74.30 % CGPA: 7.82 / 10.0] August 2014 to July 2018  
**Thesis:** "Analysis of Shockwave Boundary Layer interaction & Assessment of Passive Flow Control Device".

## Extracurricular Activities / Hobbies

**Inter Collegiate Inter Zone Tournaments [Bengaluru], 42<sup>nd</sup> (Oct 2012) & 44<sup>th</sup> (Oct 2014) [Chandigarh]**  
**Hobbies:** Badminton and Cycling, Story Telling, Cooking and Drawing, Watching Documentaries and Anime.