

# Nayan Panda

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**Technical Skills:** Python, Microsoft Excel, Microsoft Power BI, Java, HTML, CSS,

MySQL, Data Analytics, Machine Learning

[www.linkedin.com/in/aestivial](https://www.linkedin.com/in/aestivial)

[www.github.com/Aestivial](https://www.github.com/Aestivial)

[www.hackerrank.com/nayan\\_panda2020](https://www.hackerrank.com/nayan_panda2020)

## Certifications:

- Google Data Analytics Professional Certificate, Coursera, Jan 2023
- Fundamentals of Data Analytics Certification, NASSCOM - LEAPS Analyttica, Dec 2022
- HackerRank 5 Star Python Certification, Nov 2022

## PROJECTS

Automation	<b>Automated Measurement and Testing Checkbox Unit (Sep 2022)</b> <ul style="list-style-type: none"><li>- Description: Developed an automated measurement and testing checkout unit program for a PXIe system consisting of a variety of RF instruments. The objective was to build an advanced state-machine-based modular automation program (VI) with a fully functional front end</li><li>- Technology: NI LabVIEW and various LV Libraries/Sub-VIs, Python 3, MS Excel</li><li>- Team Project: NA</li><li>- Role: Research Intern; Developer</li></ul>
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## WORK EXPERIENCE

Digit.in (2021-Present)	<b>Writer, Reviewer, and Member of the Editorial Team:</b> <ul style="list-style-type: none"><li>- Contributed to the creation and publication of content for a leading technology navigator and media publication company.</li><li>- Provided feedback on drafts and articles.</li><li>- Collaborated with the editorial team to ensure high quality and accuracy in the final content.</li></ul>
ISRO Research Intern (Jun 2022 - Sep 2022)	<b>Research Intern at the Space Application Centre of ISRO:</b> <ul style="list-style-type: none"><li>- Contributed to the development, testing and measurement of a digital processor payload.</li><li>- Developed an automated modular measurement and testing application.</li><li>- Demonstrated deep understanding of programming concepts and techniques.</li><li>- Worked with PXIe systems, RF switches and instruments, LabVIEW and software development tools.</li></ul> <b>Tools used, Skills demonstrated and Improvements:</b> <ul style="list-style-type: none"><li>- Proficient in designing, implementing, and optimizing advanced automation programs.</li><li>- Developed the functional prototype and final model (VI) using programming languages and tools such as Python3, LabVIEW and NI's SubVI libraries.</li><li>- Designed and developed the front-end user interface and user experience of the project as well using UI/UX design principles and techniques.</li><li>- Strong problem-solving skills, attention to detail, and ability to work under pressure.</li><li>- Implemented advanced algorithms and techniques to improve the payload measurement and testing process efficiency and accuracy by upto 66.6%.</li></ul>

## EDUCATION

Board	Tenure	Educational institution	CGPA
B. Tech (CSE)	Sept 2020 – May 2024	VIT Bhopal University	7.94/10
Class XII (CBSE)	May 2020	Army Public School, Bareilly	8.4/10
Class X (CBSE)	May 2018	Army Public School, Bareilly	9/10

## ADDITIONAL INFORMATION

Responsibilities	<ul style="list-style-type: none"><li>▪ <b>Core Member of Codecademy Central India Chapter, E-Cell Design Team, and Mozilla Firefox Club</b><ul style="list-style-type: none"><li>- Demonstrated technical expertise and leadership</li><li>- Exhibited skills in design, management and technical contributions.</li></ul></li><li>▪ <b>SKOAR! College Ambassador/Representative and Community Manager in 2020</b><ul style="list-style-type: none"><li>- Effectively managed and led teams in E-sports events.</li><li>- Demonstrated proficiency in team management and event coordination.</li></ul></li></ul>
Hobbies	<ul style="list-style-type: none"><li>▪ Writing/Composing creative works, Video editing.</li><li>▪ Reading Novels – novels by authors such as Agatha Christie, and Rick Riordan.</li><li>▪ Playing sports such as Badminton and Football.</li></ul>
Languages	I possess native fluency in <b>English, Hindi</b> and <b>Bengali</b> .