

An INTERNSHIP REPORT

SUBMITTED TO THE

**MKSSS's CUMMINS COLLEGE OF ENGINEERING FOR
WOMEN, KARVENAGAR, PUNE**

SUBMITTED BY

4309 VAISHNAVI SHRIKANT BIDAYE



DEPARTMENT OF COMPUTER ENGINEERING

**MKSSS's Cummins College of Engineering for Women, Pune
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)**



CERTIFICATE FOR COMPLETION OF INTERNSHIP

This is to certify that,

VAISHNAVI SHRIKANT BIDAYE CNo: C22019222303

is a bonafide student of this institute and completed summer internship for the duration 2 months for period 7th June 2021 to 30th July 2021 in Dell Technologies

(Dr. Ashutosh Muchrikar)

Internal Mentor
Department of Computer Engineering

(Dr. Supriya Kelkar)

Head,
Department of Computer Engineering

(Dr. M. B. Khambete)

Director,
MKSSS's Cummins College of Engineering for Women Pune – 52

Place: Pune

Date: 05/20/2021

COMPANY CERTIFICATE



To whomsoever it may concern

This is to certify that Vaishnavi Shrikant Bidaye of MKSSS's Cummins College of Engineering for Women, Pune was working with Dell Technologies for his/her Internship Project.

Project Details	
Project Name	Revenue & COGS Accounting
Duration	7 th June 2021 to 30th July 2021
Location	Pune
Reporting Manager Name	Senthiru Lakhi
Guide Name	M S Sudheendra
Sponsor Name	Mario Ferrario

He/ She has successfully completed the project. His/ Her findings in course of the project has been found to be practical and relevant. Some of the recommendations will be incorporated on approval from the business.

His/ Her performance during the tenure of the internship has been found to be satisfactory.

Thanking You,

Regards,

Savneet Shergill
Senior Director Talent Acquisition
Dell Technologies

Dell International Services India Pvt. Ltd.
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ACKNOWLEDGEMENT

I gratefully acknowledge my Manager Mrs. Sen Lakhi, External Mentor Mr. Tiago Kochenborger and Guide Mr. M. S. Sudheendra under whose guidance I was able to successfully deliver all the promised deliverables.

I would even like to put forward my gratitude to the team members of this project who guided me throughout the development phase. Not to forget I would even like to express my thanks to the Dell Technologies team who made us feel welcomes and comfortable during the whole course of the internship and taught us a lot about the work culture.

Lastly, I would like to thank the Cummins College TPO for bringing in this opportunity for us and my parents and friends who have always been a constant support.

Vaishnavi Shrikant Bidaye
(4309, B. Tech. Computer- 'A')

ABSTRACT

The aim of this 2-month Internship was to develop desired features requested by the stakeholders using proper technologies. I had been assigned under Revenue and COGS Accounting Team. I had been assigned A mentor and guide who would guide us throughout. The project was given to me is health checking of applications and the use of the vault application for code security. The integration of tasks was done using the GitLab repository. The main objective of this internship was health checking of an applications so that applications can be up all the time. The details of the functionalities will be discussed in this report. This dashboard has been made for two personas namely Employees and Human Resource. We had made a dashboard with mainly 3 tabs. First is “Summary” which provides summarization of all the recruitment process, then the second is “Interviews” which provides information about the whole interview process and the last one is “KPI” which shows some Key Performance Attributes observed in this process. This report highlights the learnings of the software development process as well as professional experience.

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Chapter 1. COMPANY PROFILE

- **Name: Dell Technologies**

- **About Dell Technologies:**

1. Dell Technologies is a diverse team with unique perspectives. United in our purpose, our strategy and our culture. Driven by our ambition and the power of technology to drive human progress. Unwavering in our commitment to equality, trust and advocacy for one another.
2. Dell Technologies story began with a belief and a passion: that everybody should have easy access to the best technology anywhere in the world. That was in 1984 in Michael Dell's University of Texas dorm room. Today, Dell Technologies is instrumental in changing the digital landscape the world over.
3. Dell Technologies is the world's leading technology companies helping to transform people's lives with extraordinary capabilities. From hybrid cloud solutions to high-performance computing to ambitious social impact and sustainability initiatives, what we do impacts everyone, everywhere.
4. Dell's vision statement is –

"It's the way we do business. It's the way we interact with the community. It's the way we interpret the world around us— our customers' needs, the future of technology, and the global business climate. Whatever changes the future may bring our vision — Dell Vision — will be our guiding force. So, Dell needs full customer satisfaction. In order to become the most successful computer company, they need the newest technology and loyal customers."

5. Leading is nothing new for Dell Technology. That's why advancing sustainability, cultivating inclusion, transforming lives and upholding ethics and privacy are embedded in everything Dell Technology do. Powered by a workforce that values and celebrates different backgrounds, we create solutions that harness and amplify technology in the most meaningful ways. From healthcare to education to a digital economy, we believe in the power of technology to help solve complex societal challenges.

6. At Dell Technologies, all leaders are innovation pioneers driving the digital revolution forward. Together, and as individuals, our passion and unique perspectives propel every idea, concept and solution we create. By embracing our differences and investing time in our diversity, leaders foster a culture of innovation and inclusion that enables to create technology that ensures widespread accessibility and impactful improvements to daily life.
7. At Dell, the customer is considered the primary influencer of the success in the company. That shows the passion for designing innovations that are not only sensitive but also meet their needs.
8. Dell's core values include "**customer-oriented, innovation, results, and integrity.**" Dell has consistently maintained a rich corporate culture for over 35 years due to the presence of these guiding principles.

Chapter 2. INTRODUCTION

1.1 Project Role:

- Aptitude / Developer
- Lease Connect / Developer

1.2 Project Role Description:

- Develop desired features requested by the stakeholders
- Focus that the desired metrics are working as intended

1.3 Key Stakeholders:

Internal teams at Dell Technologies includes

- Tiago Kochenborger
- Filipe Geissler
- Cleyson Oliveira

1.4 Deliverables:

- Features developed for the desired product Aptitude / Developer

1.5 Key Metrics:

- Use health check so application can be up all the time and auto-restage if needed.
- Understand and use the Vault application for code security.

1.6 Skills Developed / Technical Training:

- Dependency Implementation
- Using Maven
- Application Development

Chapter 3. TECHNOLOGIES USED

- Technologies that were used:
 1. Spring boot
 2. Maven

- Tools that were used:
 1. IntelliJ
 2. PCF
 3. GitLab

Chapter 4. LEARNING EXPERIENCES

1.1 Professional Growth:

1. It was very interesting to see how health check is done so application can be up all the time and auto-restage if needed.
2. I learnt How a single line change affects in huge code files and also learned how to resolve these errors and give the best solution to the problem.
3. I saw actual value of my work and felt so nice when get appreciated by my colleagues.
4. I learnt how to use the Vault application for code security.

1.2 Skills Learned:

1. Communication Skills
2. Documentation and keep Records
3. Professionalism
4. Networking Skills (Being in contact with your colleagues)
5. Time Management

Chapter 5. SUMMARY, CONCLUSION AND FUTURE WORK

1.1 Summary:

The tech stack was itself a challenge for me wherein I had to learn Spring Boot and Maven. I took this challenge as an opportunity to explore this part as well as make developed desired features that was internship project-worthy!

1.2 Conclusion:

In review, this internship has been an excellent and rewarding experience. I gained knowledge and skills and have been able to network with so many people that I am sure will be able to help me with opportunities in the future. I got an insight into professional practice and learned the different facets of working within a large organization. Some of the crucial skills that I have gained through this internship are managing time efficiently, delivering a product, and the most important, and networking. The internship was also good to find out what my strengths and weaknesses are.

This helped me to define what skills and knowledge I have to improve in the coming time and also, I got to know about the current trends and the technologies prevalent in the industry.

At last, this internship has given me new insights and motivation to pursue a career in technology.

1.3 References:

[1] <https://corporate.delltechnologies.com/en-us>

[2] <https://www.dell.com>