

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

A Report on
INPLANT TRAINING
AT

E-Revbay Pvt Ltd.
Goregaon (East), MUMBAI – 400063.

Submitted By
Anirbaan Ghatak
SAP ID: 70321019026
Under The Guidance Of
Prof. Supriya Agrawal



Shri Vile Parle Kelvani Mandal's
Mukesh Patel School of Technology & Management Engineering

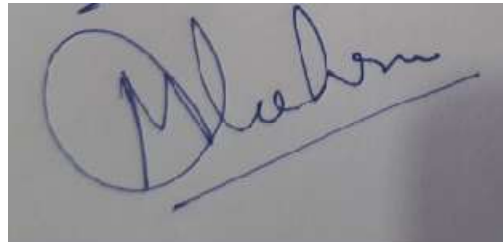
Department of
Computer Engineering
Vile Parle (w), Mumbai- 400056

Inplant Training Period
05/12/2022 to 31/05/2023

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

NO OBJECTION CERTIFICATE

This is to certify that **Anirbaan Ghatak** (SAP ID. **70321019026**) student of Mukesh Patel School of Technology Management & Engineering, has successfully completed his Semester (VIII) Inplant Training from **05/12/2022 to 31/05/2023**, at **E-Revbay Pvt. Ltd.** and has completed the tasks given to him during the Inplant Training. The Report is submitted in partial fulfillment of the requirement for B.Tech Integrated **Computer** Engineering. He has been allowed to include the relevant information from the Company for which we have no objection.

A handwritten signature in blue ink, appearing to read 'Anirbaan Ghatak', is written over a horizontal line.

Signature & Stamp of The Industry

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

CERTIFICATE OF SUBMISSION

This is to certify that the report entitled 'Inplant Training at **'E-Revbay Pvt Ltd'** is a bonafide work of **Anirbaan Ghatak** (SAP ID. **70321019026**) and submitted in semester (**VIII**) for the partial fulfillment of B.Tech Integrated in **Computer** Engineering at , Mukesh Patel School of Technology Management & Engineering Mumbai during the academic year 2022-2023.

Signature:

Faculty Mentor

B Tech. Integrated Incharge

B Tech. Integrated Director

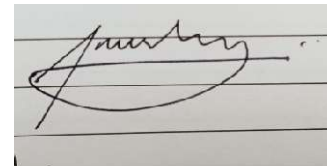
SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

DECLARATION

I, **Anirbaan Ghatak**, SAP ID. **70321019026** a student of Semester (VIII) of B.Tech Integrated Program in EXTC engineering humbly submit that I have completed from time to time the Inplant Training work as described in this report by my own skills and studied **from 05/12/2022 to 31/05/2023**. I have not copied the report or it's from any appreciable part from any other literature in contravention of academics ethics. I declare that this written submission represents my ideas in my own words. I also declare that I have adhered to all principles of academic honesty and integrity and have not misrepresented or fabricated or falsified any idea/data/fact/source in my submission. I understand that any violation of the above will be the cause of disciplinary action by the Institute and can also evoke penal action from the sources which have thus not been properly cited or from whom proper permission has not been taken when needed.

Date: 24/02/2023

Place: Mumbai

A handwritten signature in black ink on lined paper. The signature is stylized and appears to read 'Anirbaan Ghatak'.

Name & Signature of the Student

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

- **Cover Page**
- **No Objection Certificate**
- **Certificate of Submission**
- **Declaration**

| Table of Contents | Page No. |
|--|-----------------|
| Chapter-1 <ul style="list-style-type: none">● Introduction about the Company (Background of the Industry), Products, Services & Solution etc.● About the Department | 1 |
| Chapter-2 <ul style="list-style-type: none">● Brief about the Technology/Equipment/ Hardware etc.● Brief about the Programming languages/ Tools/ Software etc. | 2 |
| Chapter-3 <ul style="list-style-type: none">● Brief about the Projects undertaken | 3 |
| Chapter-4 <ul style="list-style-type: none">● Learning In the Inplant Training | 4 |
| Chapter-5 <ul style="list-style-type: none">● Conclusion & Future Plan of Action | 5 |

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

Chapter – 1
Introduction

1.1 Introduction to the company

ERB is a Fin-Tech company that is disrupting the traditional financial services industry in India with its innovative B2B2C business model. By empowering its partners to offer a broad range of financial products, including credit cards, insurance, investments, and loans, ERB is making these services more accessible and user-friendly for customers across the country.

The company's mission is to simplify the complex processes that make up financial products and services, allowing customers to make informed decisions about their financial future. To achieve this, ERB has developed a proprietary technology stack, which includes a robust end-to-end CRM tool that helps partners and customers manage their financial needs seamlessly.

ERB takes pride in its long-standing relationships with major banks and financial institutions, which allows the company to provide a diverse range of financial products and services. However, what truly sets ERB apart is its family of financial service partners and its small, driven, and passionate team, who are working together to change how India consumes financial products, one day at a time.

With a deep understanding of the financial industry and a commitment to leveraging technology to make it more accessible, ERB is poised to revolutionize the way financial products and services are consumed in India. By putting customers at the forefront of its business model, ERB is driving a paradigm shift in the industry, one that is focused on making financial products and services more user-friendly, transparent, and accessible for everyone.

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

1.2 About the Department

I worked in the heart of ERB the Tech department, ERB's tech department is a critical component of the company's success. With a focus on innovation and leveraging technology to simplify complex financial processes, the department plays a key role in developing and maintaining the company's proprietary technology stack. The tech department is made up of a talented and experienced team of developers and engineers who work together to ensure that ERB's technology is always cutting-edge and ahead of the curve. Their commitment to innovation and user experience helps ERB stay at the forefront of the rapidly evolving Fin-Tech industry in India.

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

Chapter – 2 Problem Statement

2.1 Brief about the technology used

ERB is a Fin-Tech company that relies heavily on technology to deliver financial products and services to its customers. Two key technologies used by ERB are TML and TMP. TML, or Test My Loan, is used to determine a customer's eligibility for a loan and provides recommendations for debt restructuring if needed. TMP, or Test My Policy, is used to evaluate a customer's current insurance policy and suggest upgrades if necessary. Both TML and TMP can be accessed through the FINQY website or app, which is provided to partners to help their customers. Customers can also access these technologies directly through the MLB platform.

ERB's use of cutting-edge technology allows the company to provide a wide range of financial products and services to its customers in a streamlined and efficient manner.

2.2 Software Used

ERB is a Fin-Tech company that relies heavily on technology to deliver financial products and services to its customers. ERB also uses the LAMP (Linux, Apache, MySQL, and PHP) web stack, which is known for its flexibility and scalability, to develop and maintain its web applications. In addition to its proprietary technology stack LAMP, ERB also leverages Microsoft Power Automate and Power BI in its operations. Power Automate is a workflow automation tool that allows ERB to streamline its internal processes, while Power BI provides the company with powerful business analytics and reporting capabilities. By using Power Automate and Power BI alongside its existing technology stack, ERB is able to optimize its operations, improve data analysis and decision-making, and provide an even better customer experience. These tools also help ERB stay agile and responsive in the dynamic and rapidly evolving Fin-Tech industry.

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

Chapter – 3

Brief about the Projects undertaken

During my internship at ERB, I had the opportunity to work on several exciting projects that allowed me to apply my technical skills in practical settings. One of my key achievements was automating the credit analysis report using python, flask framework and HTML and CSS, which helped customers to better understand their financial status and make informed decisions about loans and debt restructuring.

Another notable project I worked on was correcting bugs and errors in the Power Automate program for PNB banks insurance completion tracking website. Through careful testing and troubleshooting, I was able to ensure that the program was functioning smoothly and delivering accurate results to customers.

In addition, I was part of the Data team tasked with verifying WhatsApp numbers. Although the technique of using Power Automate on virtual machines was initially promising, we discovered that it was not cost-effective and the project was ultimately scrapped.

Later on, I joined the Test My Credit Card team and used web scraping to gather information on credit cards from various banks. I also worked with the Car Pe Loan team, where I used web scraping to obtain used car prices.

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

Chapter – 4

Learning in the inplant training

During my time at ERB, I gained a wealth of knowledge and experience in the financial technology industry. My first project involved automating the credit analysis report, which allowed me to develop my skills in programming languages like Python and Flask Framework. I was able to understand the importance of automation and how it can improve efficiency and accuracy in reporting.

In my next project, I learned about the importance of testing and bug-fixing as I corrected the Power Automate program used for PNB bank's insurance completion tracking website. This taught me the importance of paying attention to details and the need for thorough testing to ensure smooth functioning of the system.

My experience in the Data team allowed me to learn about the importance of data verification and the various tools that can be used to do so, including Microsoft Power Automate. Although my attempt to use Power Automate on virtual machines to verify WhatsApp numbers was unsuccessful, I was able to gain a deeper understanding of the limitations and challenges that arise when working with complex systems.

Joining the Test my Credit Card and Car Pe Loan teams exposed me to web scraping techniques and the importance of data acquisition and analysis. I learned how to extract data from web pages using tools like Selenium, and how to manipulate and analyze the data using Python.

Overall, my time at ERB has helped me develop a wide range of technical and professional skills, from programming languages and automation tools to data analysis and team collaboration. It has also given me a deeper understanding of the financial technology industry and the various challenges and opportunities it presents.

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

Chapter – 5

Conclusion

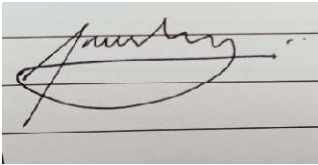
In conclusion, my experience at ERB has been truly rewarding and enriching. The exposure to various technologies and working on diverse projects has honed my technical skills and taught me how to work in a team-oriented environment. The emphasis on innovative thinking and problem-solving has encouraged me to develop a solutions-oriented mindset, which I believe will be valuable in my future career endeavors. I have also learned the importance of communication and collaboration, which has helped me to build strong relationships with my colleagues and partners. Overall, my time at ERB has been a valuable learning experience, and I am grateful for the opportunities and support that I have received from the company.

SVKM's NMIMS
Mukesh Patel School of Technology Management and Engineering
B. Tech Integrated Program

CERTIFICATE OF INPLANT TRAINING

This is to certify that Mr. Anirbaan Ghatak SAP ID. 70331017003 of **VIII Semester** of B.Tech Integrated Program Computer /EXTC/Civil/Mechanical has attended the Inplant Training for _____ days out of at E-Revbay Pvt Ltd. during the Period: from 05/12/2022 to 31/05/2023.

Signature of the Student



Signature of the Industry Mentor



Forwarded with compliments to the HoD for necessary action.

The details of working at organization:

Present: Days

Leave: Days

Absent: Days

Total: Days