



University of Asia Pacific
Department of Computer Science and Engineering

Course Title: Industrial Training

Course Code: CSE 330

Final Report: Report on Industrial Training

Company Name: Eutropia IT Solution

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ACKNOWLEDGEMENT

I extend my heartfelt gratitude to the University of Asia Pacific for orchestrating the internship program, which has been a crucial part of our academic path. This program has not only allowed us to see what it's like to work in the real world but has also helped us understand and improve our skills in our areas of study.

I am thankful to Eutropia IT Solution for recruiting me as an intern in their esteemed organization and allowing me to work with them. I am particularly grateful to Tahmid Anam Shovon, Co-Founder & CEO and Mirza Md Shakil, Managing Director, their visionary leadership and guidance have been a constant source of inspiration throughout this journey. I also extend my appreciation to all the employees and trainers for their unwavering support, mentorship, and dedication towards nurturing young talents like myself.

This internship has been full of learning and growth. I'm thankful to everyone at Eutropia IT Solution for being patient, encouraging, and sharing their knowledge. Their guidance not only made me better at what I do but also made me feel more confident about my future career.

Lastly, I would like to express my gratitude to my family and friends for their constant encouragement and support throughout this endeavor. Their belief in my abilities has been a driving force behind my success, and for that, I am profoundly grateful.

In conclusion, I'm honored to have been part of this internship program. I'm very grateful to everyone who made this experience so special and valuable.

Thank you.

Md. Farhad

1. Introduction:

An internship stands as a pivotal opportunity for students, offering a gateway to real-world experience within their chosen field. Spanning from one to four months, this program enables participants to immerse themselves in the dynamics of a professional setting or engage in research, thus fostering personal and career development. Through internships, students not only refine existing skills but also acquire new ones, thereby enriching their professional repertoire.

Over the course of this internship, I had the privilege of interacting with various stakeholders within the organization, including the CEO, my peers, my supervisor, and other members of the office staff. Their unwavering support and the congenial working environment they fostered significantly contributed to my growth and learning experience. This report aims to delve into the insights and lessons garnered during my two-month industrial training program.

2. Company Details:

Eutropia-IT Solution

Road#05, House#21,

Block-D, Dhaka Uddan Housing,

Mohammadpur, Dhaka-1207, Bangladesh

Contact: 01558-971336

E-mail: eutropia.it@gmail.com

Website: <https://www.eutropia-it.com/>

3. About Company:

Eutropia IT Solutions was founded in 2019, and they have accomplished so much over the years. Here versatility in the digital world is embraced. A team of tech enthusiasts specializes in creating cutting-edge web and mobile applications, crafting engaging user interfaces, and driving online success through digital marketing. The mission is clear: turn ideas into optimized, secure, and high-performance digital solutions. Join on this journey of innovation and transformation.

Their goal is to provide our customers with the best IT Service at the best possible market price without compromising quality.

Their Specialties: Web Application

Company size: 11-50 employees & 15 associated members

4. About Internship:

Position: Frontend Developer

Internship Duration: 28th January, 2024 – 10th May, 2024

Location: Remote (Work from Home)

Working Hours: 10:00 AM - 2:00 PM

5. Knowledge and Skills:

• Plan and Develop Project Idea:

Project Ideas are where we begin documenting different proposals for future research grant applications. At this phase, we are documenting key information related to the project, as well as identifying collaborators, budget information, and metadata related to the project. Then develop the idea through a process like -

1. Get feedback and evaluate the idea. Preferably from diverse points of view and people who can look at the idea objectively and critically.
2. Refine the idea into something more practical based on the feedback.
3. Test assumptions in the real world to remove uncertainty.

Etc.

• Frontend Technologies:

While interacting as the visitors of a website, or as the end-user of a mobile app, the environment we see is considered as front-end technology. HTML, CSS, and JavaScript are the languages used for front-end development. The structure, design, behavior, and content of everything seen on browser screens when websites, web applications, or mobile apps are opened up, is implemented by front-end developers. Here, I particularly practiced Tailwind (an advanced framework of CSS) and Daisy Ui (A plugin of the Tailwind framework) in my working project.

• Backend Technologies:

Typically, backend technologies refer to the libraries of server-side languages that are used to create the server configuration of a website. The backend technologies form the basis of software development. Django is the most popular Python framework for web development. It's a full-stack framework and includes all the necessary features by default instead of offering them as separate libraries.

• Monitor Project Progress and Set Deadlines:

By monitoring the proper execution of the various project tasks, the work, and the results of your collaborators, you ensure that your team is effective and that the defined objectives are achieved. This project monitoring also makes it possible to calculate the budget at any time, based on the time already elapsed.

- **Solve Issues That Arise:**

Problem-solving is a basic task for project management. It is a process for developing and applying a solution for the problems that occur. The probability of success rises if a particular method is implemented in the project work. The problem-solving can be described in the following steps.

- **Teamwork:**

Every team was consisting 3-4 people each. In our team, we plan together, work together, discuss different problems, and solve them together. It helps me to learn mutual trust and respect for others.

- **Ensure Stakeholder Satisfaction:**

Stakeholders are important partners in all organizations. Working together toward a shared vision with more cooperation makes our efforts more rewarding. To make stakeholders happy, it's all about meeting their needs while keeping our own needs in mind as well.

- **Evaluate Project Performance:**

Project evaluation is the process of measuring the success of a project, program, or portfolio. This is done by gathering data about the project and using an evaluation method that allows evaluators to find performance improvement opportunities.

- **Write well-designed, testable code:**

Developers write unit tests for their code to make sure that the code works correctly. This helps to detect and protect against bugs in the future. Sometimes developers write unit tests first, then write the code. This approach is also known as test-driven development (TDD).

- **Time Management:**

Every day, I maintain my time and try to do my work on time. It helps me to improve my time scheduling.

- **Communication Skills:**

Most importantly communication is essential to keep all the lines of communication open. Giving clear and critical updates that may affect the overall project is an important skill to have. From my supervisor and mentors, I have learned that all team members should maintain a clear line of communication and collaborate effectively.

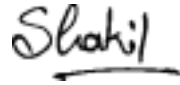
6. Conclusion:

Through my internship at **Eutropia IT Solutions**, I gained valuable practical insights into the inner workings and dynamics of a company. This experience has provided me with a solid foundation for understanding company operations and culture. I am confident that this internship has greatly contributed to my professional development and will have a significant impact on my future career endeavours.

In conclusion, my internship at Eutropia IT Solutions has been instrumental in shaping my understanding of corporate environments and will undoubtedly shape my future career path.

DECLARATION

I, hereby, declare that the work presented here is the outcome of the investigation performed by me under the supervision of Mirza Md Shakil, Managing Director at Eutropia IT Solution.

A handwritten signature in black ink, appearing to read 'Shakil', with a horizontal line underneath it.

Signature

Mirza Md Shakil

Managing Director

Eutropia IT Solution