



University of Asia Pacific

Department of Computer Science & Engineering

Course code: CSE 330

Course Title: Industrial Training

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Date of Submission: 15 May, 2024

| Submitted by | Supervised to |
|---|--|
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Report on Industrial Training

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ACKNOWLEDGEMENT

In the beginning, I would like to thank the University of Asia Pacific for giving its students the chance to take part in an internship program. This has allowed us to learn more and develop a more thorough understanding of what it is like to work in a real-world environment.

Secondly, 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 appreciate all the employees and trainers' 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'm honored to have been part of this internship program. I'm grateful to everyone who made this experience so special and valuable.

Thank you.

Asma Sultana

Abstract

This report is based on my time spent as a "Eutropia IT" intern during my "Industrial Training Program". This internship program taught me how a technological company operates in the real world. I gained useful hands-on experience during my internship with the project management consulting process, requirement analysis, documentation creation, and workplace culture. I developed myself in several ways during my internship while also picking up a variety of skills.

Introduction

A program offered by an organization called an internship allows students to spend one to four months working at a company of their choosing to gain practical work or research experience. Students can explore and advance their careers while learning new skills through internships. It gives the business the chance to develop talent, bring in fresh perspectives, and perhaps even build a pipeline for future full-time workers.

Throughout this internship, I interacted with my esteemed trainers, supervisor, coworkers, and other office staff, all of whom supported my growth and promoted a pleasant working environment. My report will also emphasize the things I've discovered during these four months of the industrial training program.

Company Details

Eutropia-IT Solution
Road#05, House#21, Block-D, Dhaka Uddan Housing,
Mohammadpur, Dhaka-1207, Bangladesh
Contact: 01855754871
Email: eutropia.it@gmail.com
Website: <https://www.eutropia-it.com/>

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.

Specialties: Web Application

Company size: 11-50 employees & 15 associated members

About Internship

Position: Frontend Web Developer Internship

Duration: 28th January, 2024 - 10th May, 2024

Location: Remote (Work from Home)

Working Hours: 10:00 AM - 02:00 PM

Supervised by,
Mirza Md Shakil
Managing Director.

Working Activities

The following is a list of the tasks I accomplished throughout this internship period:

- **Plan and Develop Project Idea**

Project Ideas are where we begin documenting proposals for future research grant applications. At this phase, we are documenting the Fast Food Store project, as well as customer satisfaction, well-mannered staff, and budget-friendly for the project. Then develop the idea through a process like -

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

- **Basic Frontend Technologies**

What we see and interact with as visitors of a website, or as the end-user of a mobile app, is considered 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, and web applications are opened up, is implemented by Front End developers.

- **Basic 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.

- **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.

- **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).

- **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.

- **Teamwork**

In our team, we plan together, work together, and discuss different problems. Though we still have some problems, we are trying to solve them together. It helps me to learn mutual trust and respect for others.

- **Time Management**

Every day, I try to keep my time and finish my tasks on schedule. It helps me manage my time better.

- **Communication Skills**

It 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, I've learned that all team members should maintain a clear line of communication and collaborate effectively.

- **Presentation Skill**

Skill developed on how to give a presentation virtually.

Conclusion

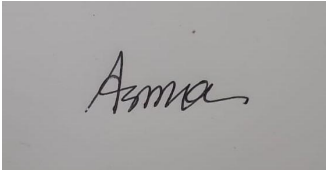
During my internship at Eutropia IT Solutions, I got practical experience of how a company works and maintains, the environment of a company. I believe that my internship at 'Eutropia IT Solution' is a successful period and this experience will make a big impact on my career.

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 and Product Manager at Eutropia IT Solution.

Signature

A rectangular box containing a handwritten signature in cursive script that reads "Asma".

Asma Sultana
Web Developer

A handwritten signature in cursive script that reads "Shakil", with a horizontal line drawn underneath the name.

Supervisor: Mirza MD Shakil
Managing Director and Product Manager
Eutropia IT Solution.