



Sadguru Balumama Shikshan Prasarak Mandal's
K.P.PATIL INSTITUTE OF TECHNOLOGY

(DTE CODE : 6814) (MSBTE Code : 1661)

Approved by AICTE, DTE Mumbai & Govt. of Maharashtra, Affiliated to MSBTE Mumbai

Internships Daily Diary(2025-26)
Department Of Artificial Intelligence & Machine Learning Engineering

Program Code : **AI5K**
Name of the Student : **Sanika Dhangaji Chougale**
Name of the Mentor (Faculty) : **Mrs. P. M. Kumbhar**
Name of the Mentor (Industry): **Mr. Abhijit Galade**
Enrollment Number : **23213500044**

Week	Day & Date	Discussion Topics/Activity	Details of Work Allotted Till Next Session /Corrections Suggested/Faculty Remarks	Signature of Industry Mentor
Week <u>02</u>	Mon, Date 09/06/25	• Industry Layout	Learned about Company structure and department roles.	
	Tue, Date 10/06/25	• Specification of machines	Studied System Specifications used for different roles.	
	Wed, Date 11/06/25	• Software Components used	Explored software tools & platform used in projects	
	Thu, Date 12/06/25	• Hardware & Network Components	Understood hardware devices and network setup.	
	Fri, Date 13/06/25	• Work Process & Integration	Observed project workflow and team collaboration method.	
	Sat, Date 14/06/25	• Summary & Industrial Exposure	Summarized weekly learning and industry exposure.	



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Week No: 2

Day: Moday

Date: 09/06/25

◆ Topic - Industry Layout

Today, we explored the Company Layout of iGAP technologies. The office is divided into departments such as development, Testing, HR management, and Training. Since the Company also runs as a training institute, they have a dedicated training lab and classroom setup.

I Observed how the layout is designed to keep project teams focused and training session undisturbed. The developer zone is arranged in open desk format for better communication, while the management cabin & meeting rooms are kept quieter.

Seeing the actual workspace helped me understand how environment affects work culture and productivity.



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Week No: 2

Day: Tuesday

Date: 10/06/25

Topic - Specifications of Machines

We were shown the computers and devices used by employees and trainees. Systems used by developers had high-end specifications such as Intel i7 processors, 16GB or 32GB RAM, SSD storage, and sometimes dedicated GPUs.

Training lab Systems were slightly lower in configuration but suitable for learning tasks like programming and UI design. The IT Support team shared how they maintain System performance by regularly updating drivers and managing System health.

This helped me relate hardware knowledge to practical usage in industry and education.



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Week No: 2

Day: Wednesday

Date: 11/06/25

Topic - Software Components used

Today's session was focused on Software tools used for both project development, teams use tools like Visual Studio Code, IntelliJ IDEA, Git, GitHub, Jira and Slack.

Trainees use the same tools in a guided way through live practice sessions.

Trainers also use LMS (Learning Management Systems) and screen-sharing tools for better teaching. We also saw how project management is done through GitHub is used to manage code and teamwork.

The smooth use of these tools showed how important software ecosystems are in IT companies. This helps me both learning and working depend on mastering the right tools.



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Week No: 2

Day: Thursday

Date: 12/06/25

Topic - Hardware & Network Components

Today, we got to see how the network and hardware setup works in the Company. The server room had routers, switches, storage device, and a firewall system. The IT team explained how the company's internal network is separated into different sections: development, admin, training, and guest.

The network is protected through firewalls and access is controlled using IP address filtering for remote work.

They also have a backup system to avoid data loss. I found this session very practical because I could see how theory from networking subject is applied in a real setup.



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Internships Daily Diary (2025-26)

Week No: 2

Day: friday

Date: 13/06/25

Topic - Work Process & Integration

Today, I learned how the company completes projects from start to end. They follow Agile methodology, where tasks are divided into small goals and completed in steps.

The team holds daily stand-up meetings to track work and solve issues. Tools like GitHub, Docker, and help developers build, test, and deploy code.

Trainers also teach students about this same process using mini-projects for practice.

This way, trainees get close to real work experience.



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Internships Daily Diary (2025-26)

Week No: 02

Day: Saturday

Date: 14/06/25

Topic - Summary & Industrial Exposure

This week was full of learning and observation. I got to see how a real IT Company like iGap Technologies runs its workspace uses high-end system, handles networks, and manages projects.

Since it's also a training institute, I saw how student learn side-by-side with professionals.

This unique setup helped me understand both sides - how to work, and how to tech work.

It made me more confident & inspired to become a part of the IT industry.

I'm looking forward to more such practical experience in the coming week.