



Vidhyashala



Get An Education, Not Just A Degree.

FULL STACK DEVELOPMENT



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ABOUT US

Vidhyashala is an edutech company dedicated to helping students enhance their skills and education. We offer a wide range of courses designed to meet the evolving needs of the modern job market. Our mission is to provide accessible and high-quality learning experiences that empower students to excel academically and professionally.

At Vidhyashala, we combine expert instruction with cutting-edge educational technologies to create engaging and interactive content. Our team of seasoned educators and industry specialists ensures that our curriculum is relevant and practical, equipping learners with the knowledge and skills needed to succeed.

We believe in fostering a supportive learning environment that encourages exploration and growth. Whether you're looking to advance in your career or explore new interests, Vidhyashala is your trusted partner in lifelong learning. Join us to unlock your full potential and achieve your educational and career goals.

FULL STACK DEVELOPMENT

Full stack development involves managing both the front-end and back-end aspects of web applications. Full stack developers handle everything from designing and implementing user interfaces (UI) with HTML, CSS, and JavaScript to developing server-side logic and managing databases using languages like Python, Ruby, or PHP. Their expertise covers the entire web development process, including server configuration, API integration, and version control. This comprehensive skill set allows them to create seamless, efficient, and scalable web applications, ensuring a cohesive user experience and optimal performance across all layers of the application..

OUR OBJECTIVE

The objective of Vidhyashala is to revolutionize education through innovative technology and high-quality content. We aim to provide accessible, engaging, and effective learning solutions that cater to diverse needs. By leveraging cutting-edge tools and resources, we empower students to enhance their skills and knowledge. Our goal is to make education more personalized and impactful, helping learners achieve their academic and professional aspirations in a digital age.

THE PROGRAM

Two-month training and internship program. The first month is industrial training from experts with more than ten years of experience in the field of psychology through live interactive sessions and lifetime access to recordings. The second month is an internship with two project opportunities. One individual project for implementation and evaluation. One major project from our affiliated companies in order to provide industry exposure and experience the work environment in MNCs.

Modes of Training

Self Paced

- Recorded sessions with doubt-clearing
- opportunities Lifetime access to study
- material Training Certification + Internship

Opportunity

Mentor Led

- Live interactive sessions with doubt clearing
- Lifetime access to recordings Training
- Certification + Internship Opportunity
- Live interactive sessions with doubt clearing.
- Lifetime access to recordings One additional month of placement training
- Training Certification + Internship Opportunity + Placement Assistance.

1ST & 2ND MONTH



The first and second month is the training phase in which the students will be trained in their respective domains via live/recorded sessions. The training will cover the basics in all the domains such that even students with no previous experience will be able to learn effectively.

Learning module :



Self-paced:
Recorded Session



Mentor Led

3RD MONTH

The third month featured two project opportunities to implement the concepts they have learnt. The first is a minor or individual project for 7 days to introduce the students to the practical applications of the domain. The second is a major or group project in which the students will be placed in teams of 5-8 members to simulate the environment of working in MNCs under the guidance of their mentors who will act as their supervisors while guiding them through the project.



TOPICS TO BE COVERED

BASIC HTML & CSS

SOFTWARE ENGINEERING
PRINCIPLES



PROJECT MANAGEMENT INTRODUCTION
TO PROJECT MANAGEMENT

UI/UX DESIGNING

INTRODUCTION TO HTML

JAVASCRIPT FUNDAMENTALS



DATABASES



WORKING WITH SQL

NOSQL AND MONGODB

NODEJS



EXPRESS FRAMEWORK

SCOPE IN FULL STACK DEVELOPMENT

Versatility.

Full stack developers can work on both front-end and back-end, making them adaptable and valuable in diverse projects.

High Demand

The ability to manage entire applications makes full stack developers highly sought after in the job market.

Career Growth

With comprehensive knowledge, full stack developers have opportunities to advance into leadership roles like technical lead or project manager.

Freelance Opportunities

Full stack developers can easily take on freelance projects, handling complete development tasks from start to finish..



TRAINING CURRICULUM



INTRODUCTION TO FULL STACK DEVELOPMENT

1. What is full stack development?
2. What are the key responsibilities of a full stack developer?
3. How does full stack development differ from front-end and back-end development?
4. What technologies are commonly used in front-end development?
5. Which programming languages are typically used for back-end development?
6. What role do databases play in full stack development?
7. What is the advantage of being a full stack developer?

KNOWING PERSONALITY

1. Which part of full stack development excites you the most, and why?
2. How do you balance creativity and technical skills in full stack projects?
3. What personal qualities do you think make you successful as a full stack developer?
4. How do you manage the pressure of handling both front-end and back-end tasks?
5. What drives your interest in full stack development, and how do you maintain your motivation?

SELF CONCEPT

- 1. How do you see yourself contributing to a project as a full stack developer?**
- 2. What are your core strengths and skills in full stack development?**
- 3. How do you measure your success and progress in full stack development?**
- 4. What motivates you to continuously improve your full stack development skills?**
- 5. How do you integrate your personal values and approach into your work as a full stack developer?**
- 6. What challenges have you overcome in your full stack development career, and how have they shaped your self-concept?**
- 7. How do you balance front-end and back-end responsibilities in your development process?**

ABNORMAL FULL STACK DEVELOPMENT

- 1. What are common signs of poor practices in full stack development?**
- 2. How can miscommunication between front-end and back-end lead to issues in full stack development?**
- 3. What impact does neglecting performance optimization have on full stack applications?**
- 4. How do security vulnerabilities in either front-end or back-end components affect the overall application?**
- 5. What are the consequences of inadequate testing and debugging in full stack development?**

PROJECTS



CREATE A WIREFRAME FOR A WEBSITE

CREATE AN HTML PAGE WITH ALL HTML TAGS AND ATTRIBUTES



CREATE A FRONTEND PORTFOLIO WEBSITE AND HOST IT ON GITHUB

DUPLICATE THE GIVEN PROTOTYPE DESIGN USING HTML & CSS


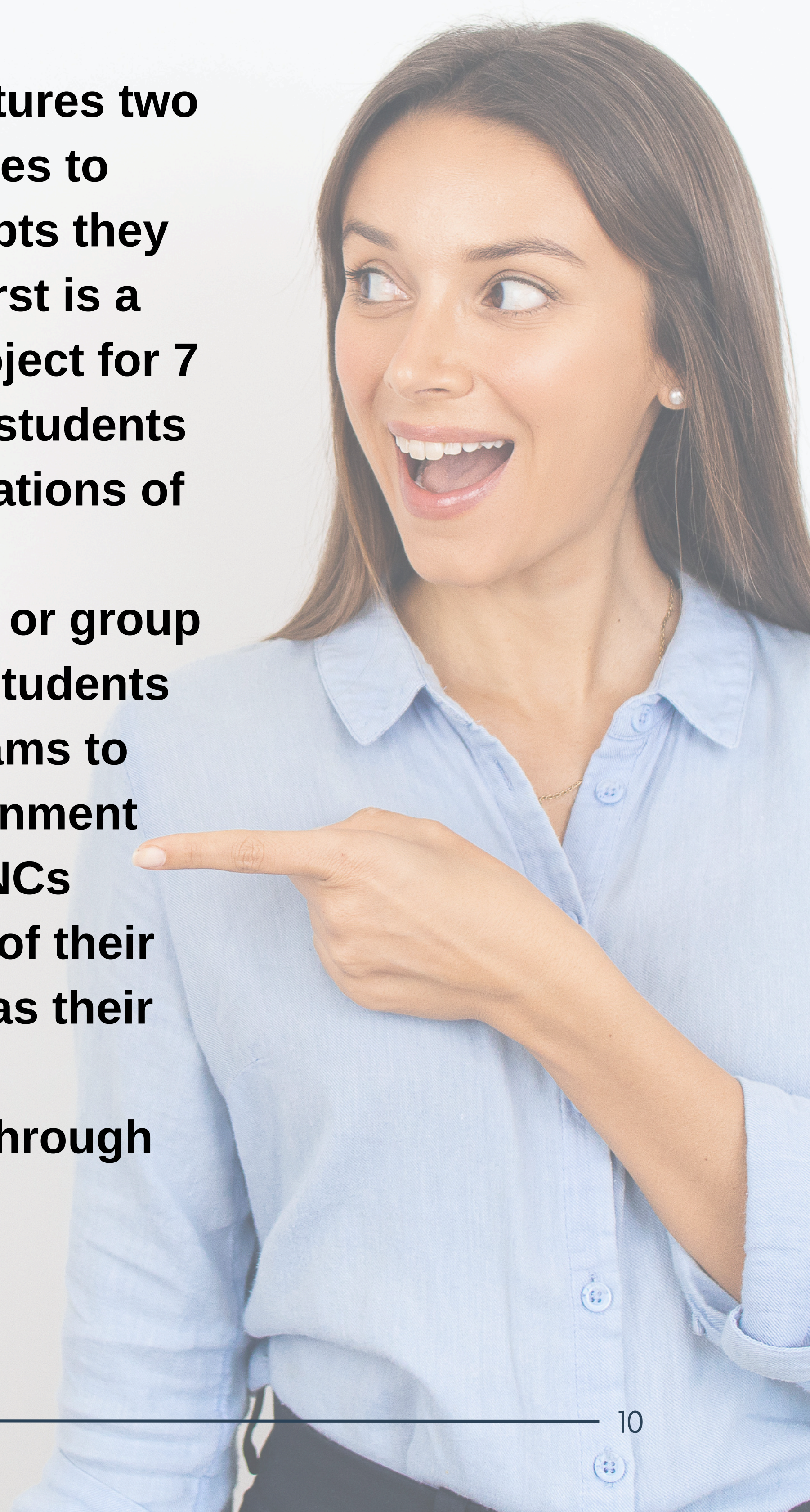


DIAGRAM FOR SQL & NOSQL DATABASES FOR AN AIRLINE COMPANY AND BUILD DBS FOR THE SAME.

INTERNSHIP MONTH

The second month features two project opportunities to implement the concepts they have learned. The first is a minor or individual project for 7 days to introduce the students to the practical applications of the domain.

The second is a major or group project in which the students will be placed in teams to stimulate the environment of working in MNCs under the guidance of their mentor who will act as their supervisors while guiding them through the project.



BRANDS WHERE OUR ALUMINI ARE

Infosys

 Microsoft

Deloitte.

ORACLE

CHALO

IBM

 IDEALISTIC
COMPLIANCE
COUNSEL

 genpact

 Mindtree
Welcome to possible

 cognizant®


BARCLAYS


BANK OF AMERICA

DELHIVERY

 **GAMES** 24
SEVEN

CGI



ninjacart

STUDENTS FEEDBACK



Ishita Singh



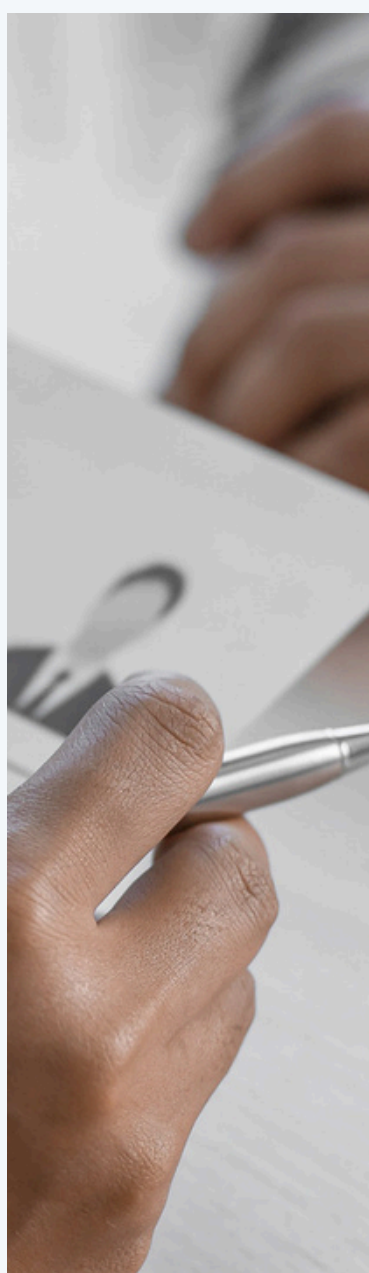
"Vidhyashala has delivered outstanding educational quality, surpassing all my expectations. The mentor's expert guidance and thoughtful support have been instrumental in advancing my skills and knowledge. The dedication to providing top-notch education has made a remarkable difference in my learning experience. I truly appreciate the commitment to excellence and the impactful guidance that has greatly contributed to my personal and professional growth."



Aniket Tripathi



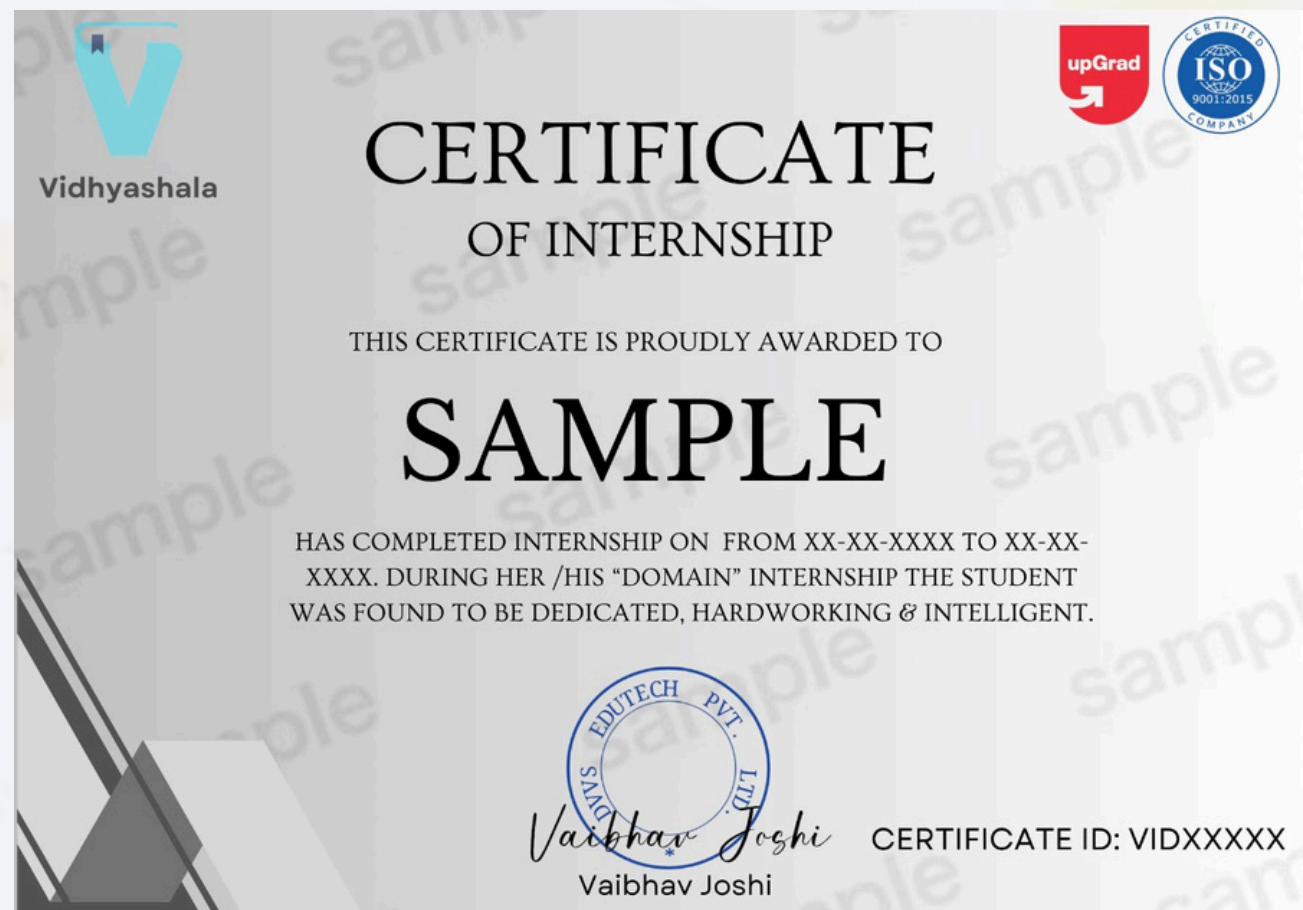
"Vidhyashala has truly exceeded my expectations with its exceptional quality in education. The mentor provided insightful guidance and support, which has significantly enhanced my skills and knowledge. The personalized approach and expert instruction have been invaluable in my learning journey. I'm grateful for the opportunity to grow and improve through such a dedicated and professional platform!"



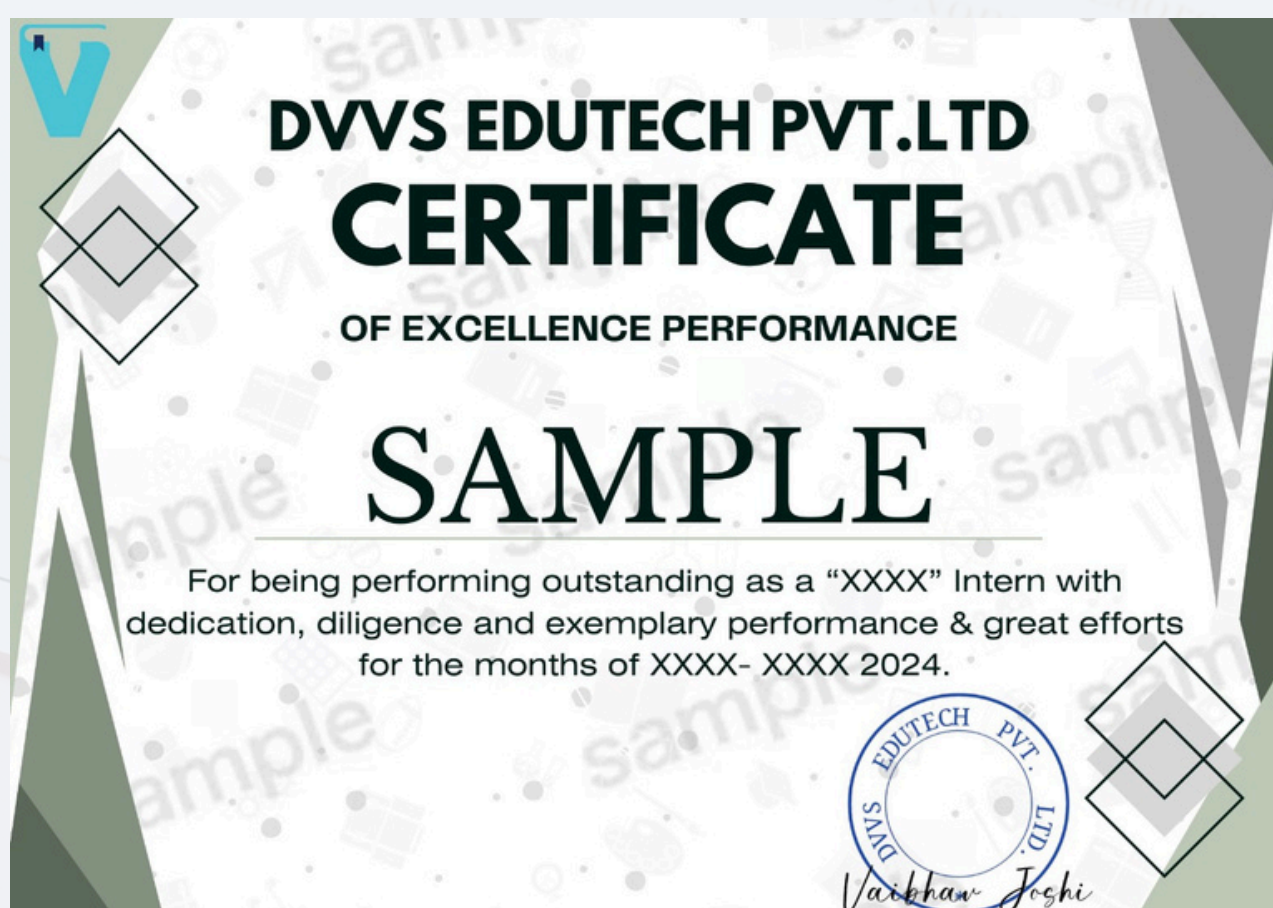
PLACEMENT ASSISTANCE

All candidates (according to their performance) eligible for placement assistance based on their performance will receive the benefit of interviews from our affiliated companies for paid internships or full time job roles in the case of degree holders

CERTIFICATES



Internship Completion Certificate



Certificate Of Excellence