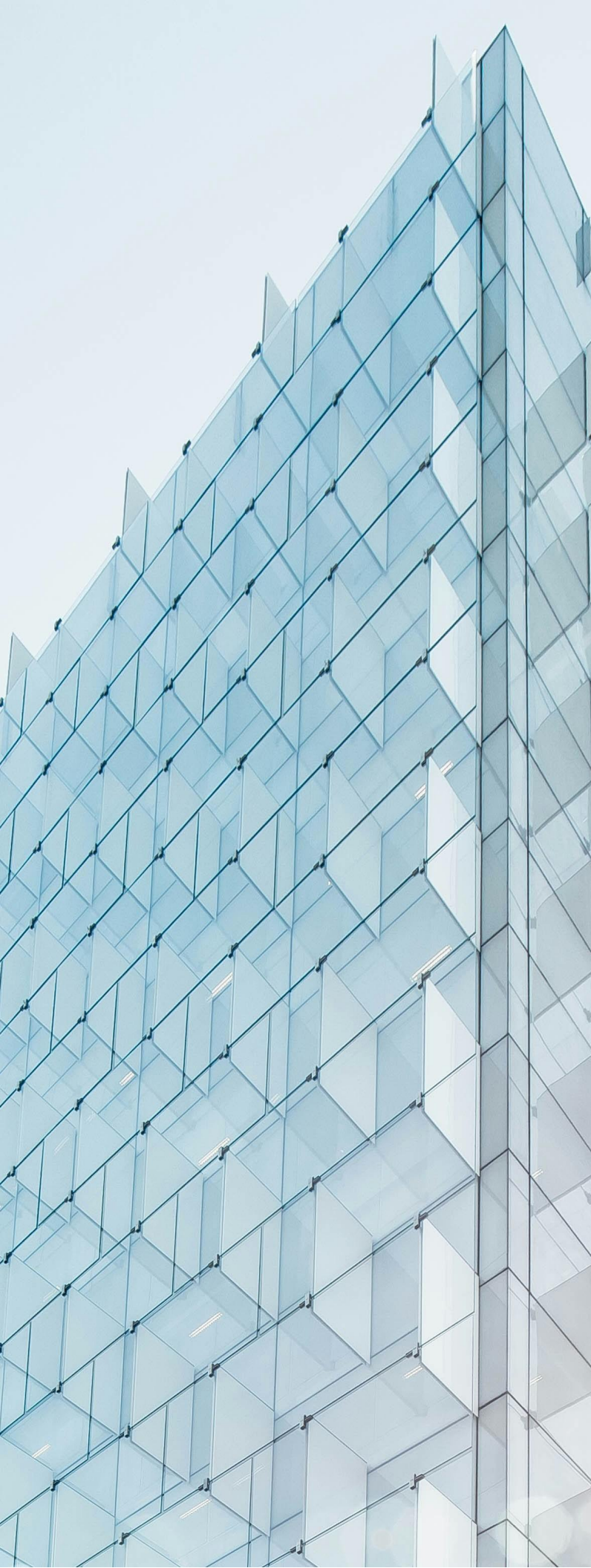# WELCOME TO **REFONTE**

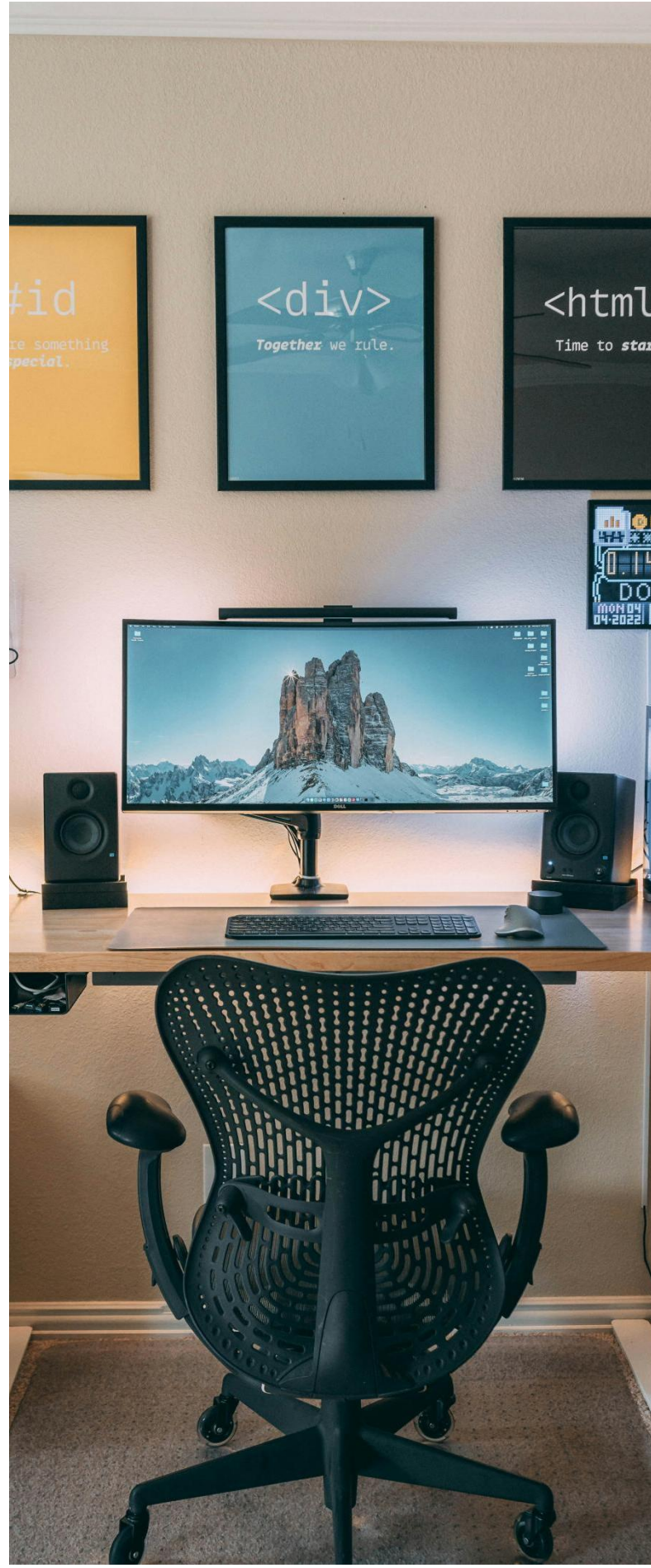Full stack Development

Refonte Learning

About

Refonte is proud to introduce our Full stack Developer Training and Internship Program, designed to equip you with the skills required to excel as a full stack developer in today's fast-paced tech industry.

Our comprehensive curriculum covers both front-end and back-end development, ensuring you become proficient in building dynamic and responsive web applications.

Our full stack developer course is crafted for those who aspire to excel in web development, regardless of their background. Whether you're a seasoned developer looking to enhance your skills or a beginner eager to enter the field, the curriculum provides an in-depth education spanning all facets of full stack development. We begin with fundamental concepts in web technologies and programming languages to establish a solid foundation. Subsequently, we explore advanced topics, including front-end frameworks, back-end development, database management, and deployment strategies.

REFONTE INTERNATIONAL TRAINING AND INTERNSHIP PROGRAM (RITIP) IN FULL STACK DEVELOPMENT

Elevate your technical expertise and propel your career forward with our tailored Professional Certificate in Full stack Development. Developed to align with current industry standards, this program is ideal for recent graduates seeking to delve into the field of web development. Through hands-on practical labs and real-world projects, you'll gain extensive exposure to master the fundamentals of full stack development. The RITIP offers an online format complemented by personalized mentorship featuring live sessions, self-paced videos, and dedicated lab sessions.

Details of the course:

- Experience hands-on learning in Practical Full stack Development.

- Engage in live classes held weekly.

- Access additional modules for a comprehensive learning experience.

- Gain practical experience through real-life case studies.

Registration

Registration is currently available for our newest Full stack Developer cohort. Seize this chance to enhance your skills and propel your career forward! For further details and enrollment please visit our website at www.refontelearning.com. We anticipate your participation in our program!
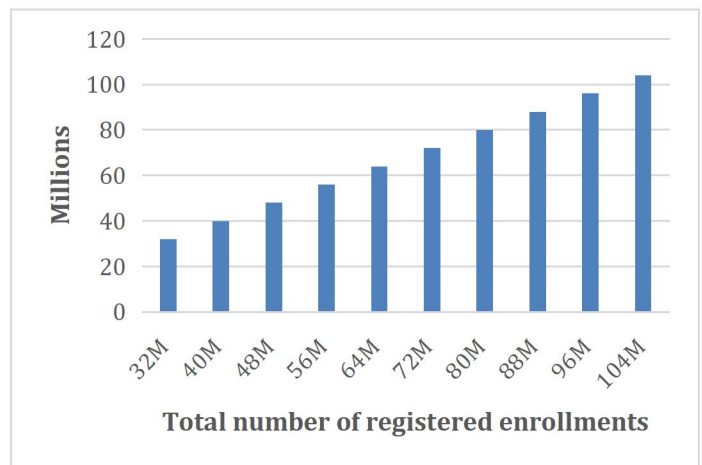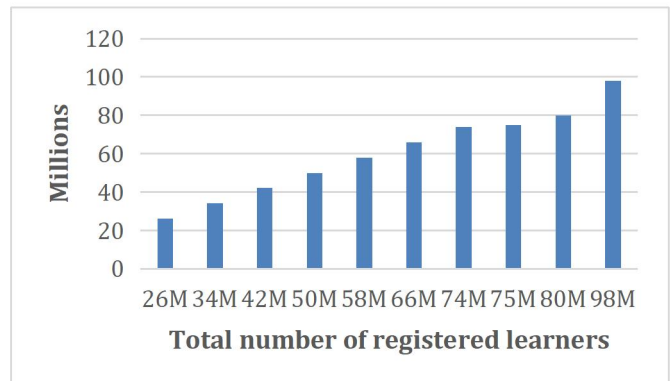
Toolkit Components:

Front-end development

• **HTML5**

• **CSS3**

• **JavaScript**

• **React.js**

• **Angular**

• **Vue.js**

• **Tailwind CSS / Bootstrap**

• **Webpack / Vite**

Back-end development

• **Node.js**

• **Express.js**

• **REST APIs**

• **Python**

• **Django / Flask**

• **Java**

• **Ruby on Rails**
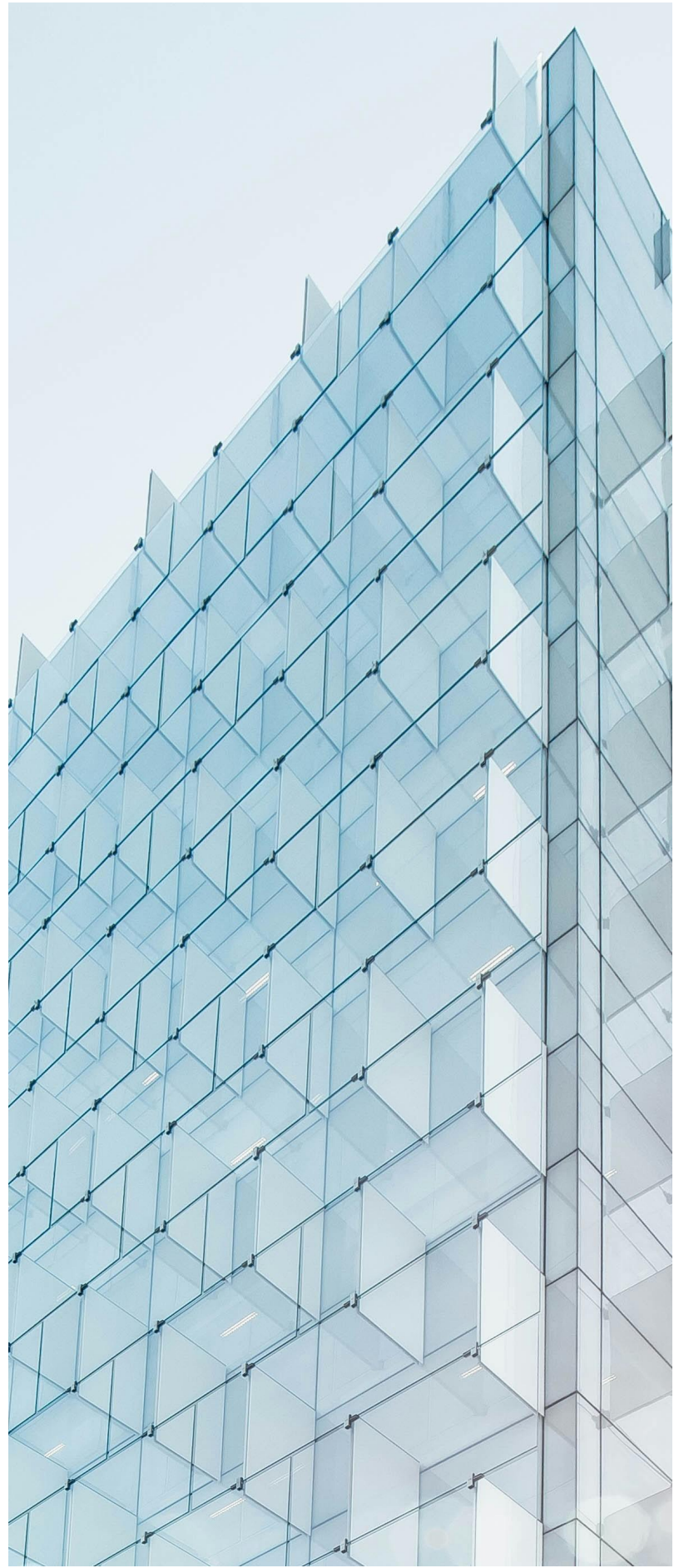
Databases

• MongoDB

• PostgreSQL

• MySQL

• Redis

DevOps and Deployment

• Docker

• Kubernetes

• Git

• GitHub Actions

• Travis CI

• Jenkins

• Google Cloud / AWS / Azure

Testing

• Jest / Mocha / Chai

• Cypress

• Selenium

• Postman

Collaboration and Documentation

• **Slack / Microsoft Teams**

• **JIRA / Trello**

• **GitHub / GitLab**

• **Markdown / Confluence**

Training Learning Path:

1 - Introduction to Web Development

● Understanding the web, HTTP/HTTPS, and web servers

● Overview of front-end vs. back-end development

● Introduction to web technologies (HTML, CSS, Javascript)

2 - Front end Development

● HTML5 & CSS3: Structure and style web pages.

● Javascript basics: DOM manipulation, events, and functions.

● Advanced Javascript: ES6+, asynchronous programming, and modules.

● Frameworks: Reacts.js / Angular / Vue.js - Components, state management and routing.

● Responsive Web Design: Flexbox, Grid, and media queries

3 - Back-end Development

- Introduction to Server-side programming

- Node.js & Epress.js: Building scalable web applications.

- Database Management: SQL (MySQL/PostgreSQL) and NoSQL (MongoDB)

- RESTful APIs: Design, development and integration

- Authentication and Authorization: JWT, OAuth and session management

- Deployment: Hosting and deploying web applications on platforms like

  Google cloud or AWS.

4 - Full stack integration

- **Connecting Front-end with Back-end**

- **API Integration: Fetching and displaying data**

- **State Management in Full stack Apps.**

- **Error Handling and Optimization**

- **Security Best Practices: Protection against common web vulnerabilities.**

5 - DevOps Fundamentals

- **Version Control with Git & GitHub.**

- **Continuous Integration / Continuous Deployment (CI/CD)**

- **Containerization with Docker**

- **Monitoring and Logging for Web Applications**

Program Curriculum:

- Eligibility:

  - Mandatory: Bachelor's Degree (in any field) with a minimum 50% aggregate score at Graduation.

- Duration: 3 Months

- Time Commitment: 12-14 Hours per Week
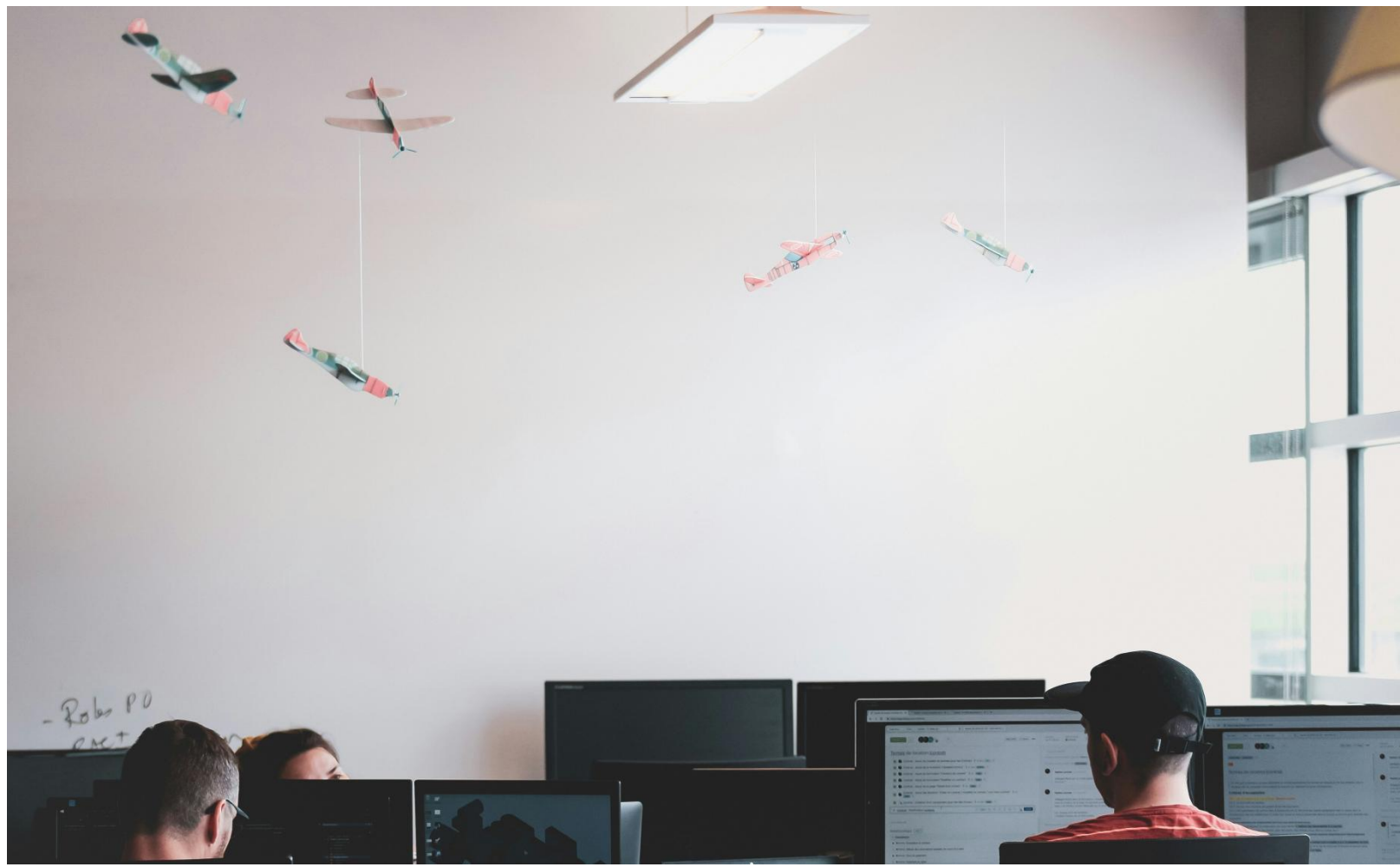
Full stack Development Capstone Projects:

- Real-Time Chat Application with Video Conferencing

- Remote Work Collaboration Tool

- Crowdfunding Platform for Social Causes

- Online Marketplace for Freelancers

- Social Media Platform for Niche Communities

- AI-Powered Resume Builder and Job Matching

Internship Duties and Responsibilities

During the internship, you will apply the skills learned in the training to real-world projects. Responsibilities include:

- Developing and maintaining web applications using modern full stack technologies.
- Writing clean, maintainable, and efficient code.
- Participating in code reviews and contributing to learn knowledge-sharing sessions.
- Collaborating with front-end and back-end teams to design and implement new features.
- Ensuring the scalability and performance of applications.
- Emphasizing the importance of ethical conduct and fostering soft skill development throughout the organization.

Domain of Internship Projects

- E-commerce and Retail
- Web and Social Media Analytic
- Banking and Stock Market
- Supply Chain and Logistics Analytic
- Healthcare and Insurance
- Finance and Risk Analytic

Our program encompasses a diverse array of projects tailored to offer hands-on experience and cultivate skills highly sought after by employers. This entails engaging in projects that mirror real-world situations, enabling students to acquire practical experience and hone skills highly prized by employers.

Program Structure

Introduction Session

LinkedIn Profile Development and Personal Bonding Session

Core Training and Internship Projects

Resume Building Workshop

Closing Session

Distribution of Resumes to Companies

CERTIFICATE OF COMPLETION FOR OUR TRAINING PROGRAM

CERTIFICATE
OF APPRECIATION

This certificate is presented to:

John Doe

This certificate is given to John Doe for achieving his training in Data Analysis in UK under Refonte Learning

REPRESENTATIVES

DATE: 01-01-2024

RLTPXXXXXXX

SAMPLE INTERNSHIP CERTIFICATE

CERTIFICATE
OF ACHIEVEMENT

This certificate is presented to:

John Doe

This certificate is given to John Doe for achieving his training in
Data Analysis in UK under Refonte Learning

REPRESENTATIVES

DATE: 01-01-2024
RLTPXXXXXXX

Frequently Asked Questions:

Q: How long is the program duration?

A: The program spans a 3-month training and internship period.

Q: Will participants receive a certificate upon completion?

A: Yes, participants will be awarded a certificate for both the training and internship phases.

Q: Is the internship paid?

A: No, the internship is unpaid.

Q: Will participants receive mentorship?

A: Yes, participants will receive personalized 1:1 mentorship.

**Q: What industries will participants work with during the internship?**

A: Participants will have the opportunity to collaborate with companies across various industries, depending on their skill set.

Q: Is there a fee for the training program?

A: Yes, a minimal fee is required for participation in the training program.

Q: What is the program format?

A: The program comprises a blend of training sessions and internship experience, supplemented by 1:1 mentorship.
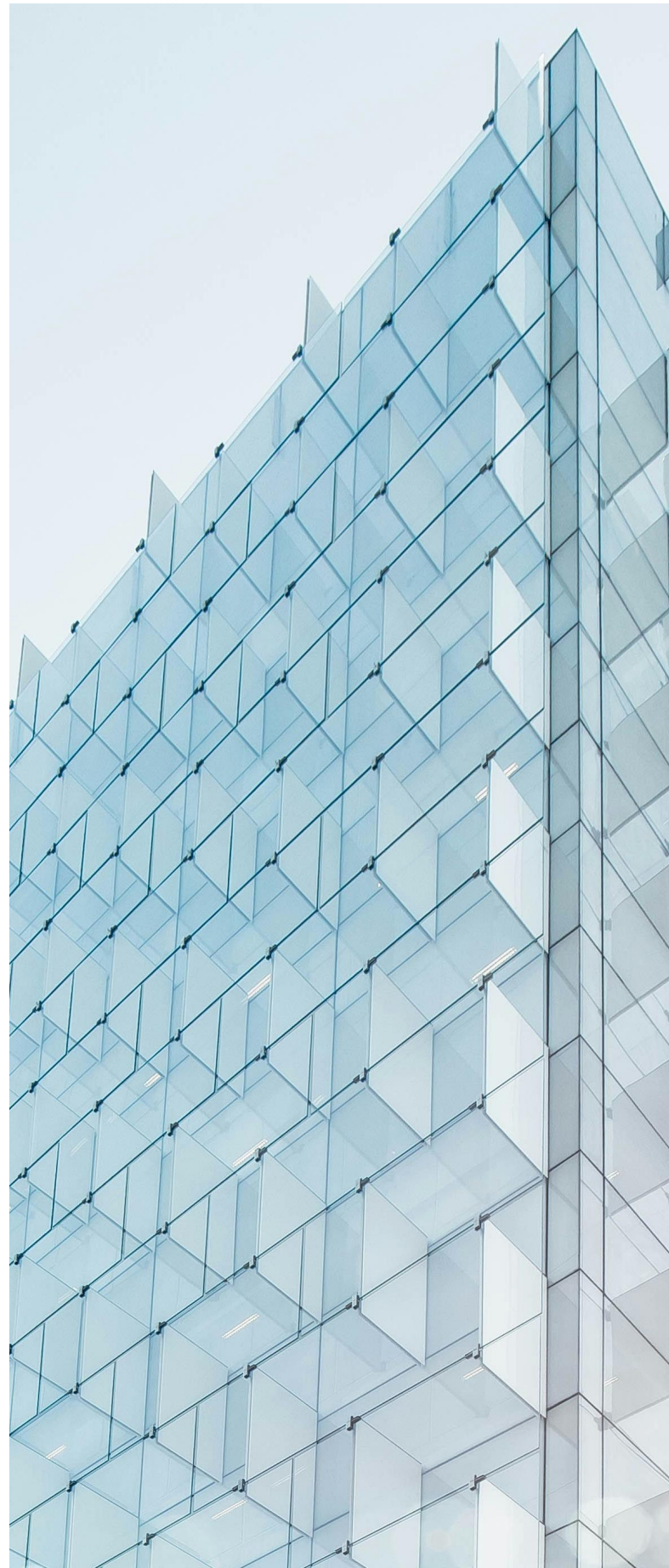
REFONTE LEARNING SUPPORT

Student Support Team:
- Our dedicated Student Support team is available around the clock, 7 days a week.
- Feel free to reach out to us anytime at official@refonteinfini.com.

Industry Mentors:
- Benefit from exceptional guidance provided by industry mentors, teaching assistants, and graders.
- Receive individualized feedback on your submissions and tailored guidance for improvement.

Doubt Resolution:
- Utilize our Q&A Forum for prompt resolution of doubts by industry experts and peers.
- Rest assured, all responses are expert-verified to ensure the highest quality of learning.

Expert Feedback:
- Receive personalized expert feedback on assignments and projects.
- Engage in regular live sessions conducted by experts to address any concept-related doubts you may have.

CONTACT US

official@refontelearning.com

REGISTER NOW!https://www.refontelear