

# TechLaunch Campus Edge

Unleash Your IT Potential



Powered by Community of Cyber Security In Horizon



# Agenda

**3** Program Description

**4** LinkedIn

**5** Integrated Development  
Environments (IDEs)

**6** Text Editors

**7** GitHub

**8** Programming Languages and  
Frameworks

**9** Virtualization and Containerization

**10** Figma

**11** Courses





# Program Description

TechLaunch Campus Edge" is an immersive and comprehensive program designed to equip newly arrived IT students on campus with the essential tools, skills, and knowledge required to excel in the world of technology and innovation. Through hands-on workshops, interactive sessions, and real-world projects, participants will be introduced to a wide range of IT topics, empowering them to kickstart their IT journey with confidence. This is a program powered by the **Community of Cyber Security in Horizon**.

# Linkedin

Let's proceed professionally.

[Back to Agenda](#)



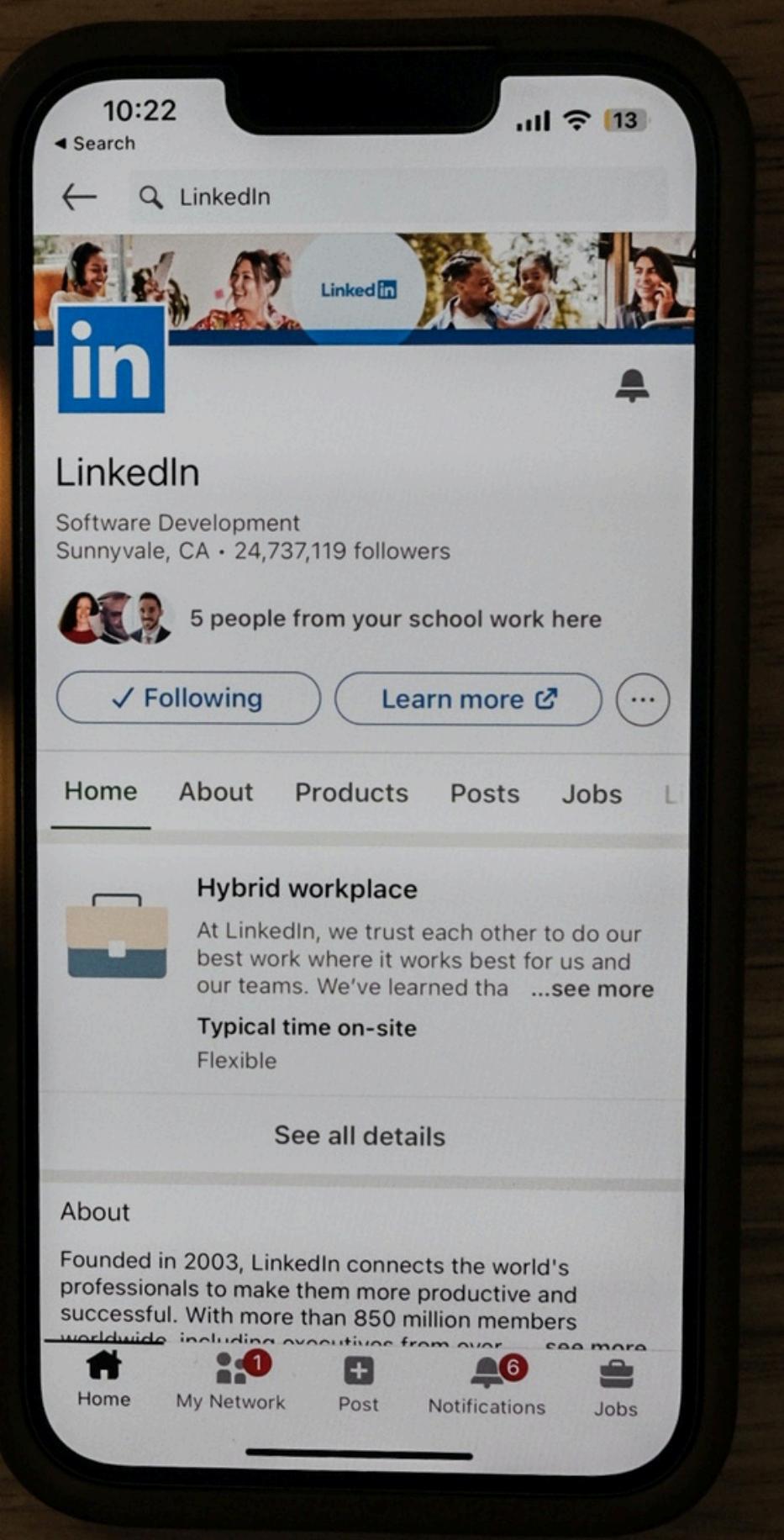


# Linkedin

LinkedIn is not just a social media platform; it is a powerful tool for professionals like you to create a strong online presence, network with industry peers, showcase your skills, and open doors to exciting career opportunities. Let's explore how you can make the most of LinkedIn

# Why LinkedIn Matters

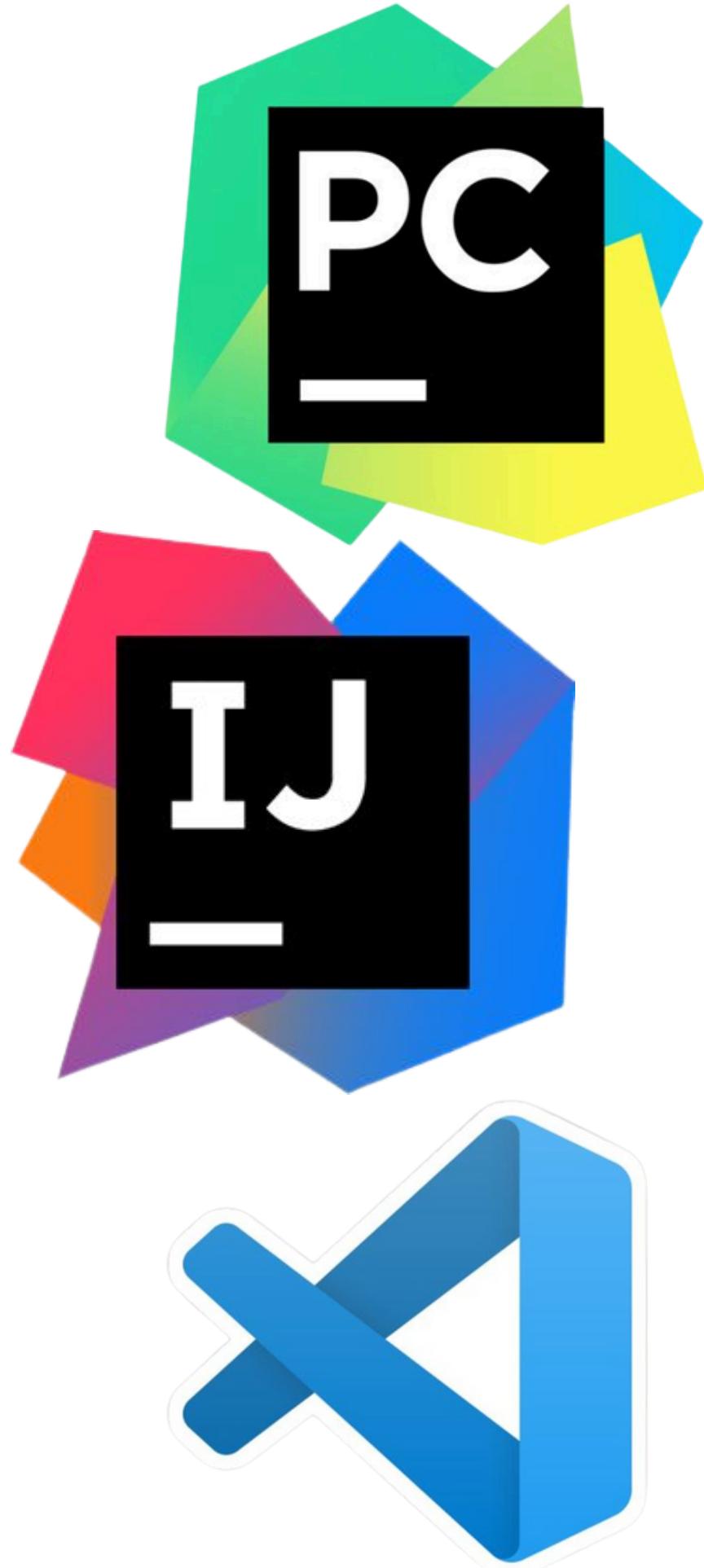
*A rough idea about LinkedIn*



- **Global Reach:** Connect with professionals worldwide and expand your network.
- **Personal Branding:** Showcase your expertise, achievements, and career journey.
- **Industry Insights:** Stay updated with trends and developments in your field.
- **Job Opportunities:** Discover and apply for relevant job openings.
- **Networking:** Cultivate valuable relationships with like-minded professionals.

# IDEs

- Visual Studio Code
- IntelliJ IDEA
- Dev C++
- PyCharm
- NetBeans



# IDEs

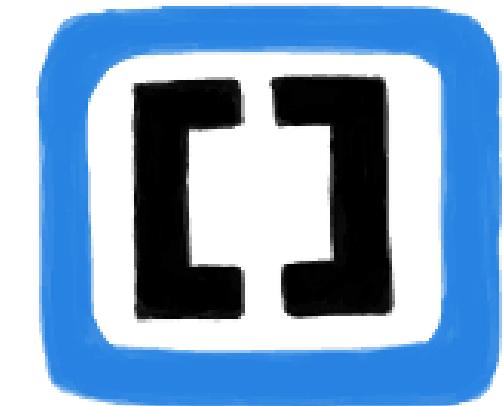
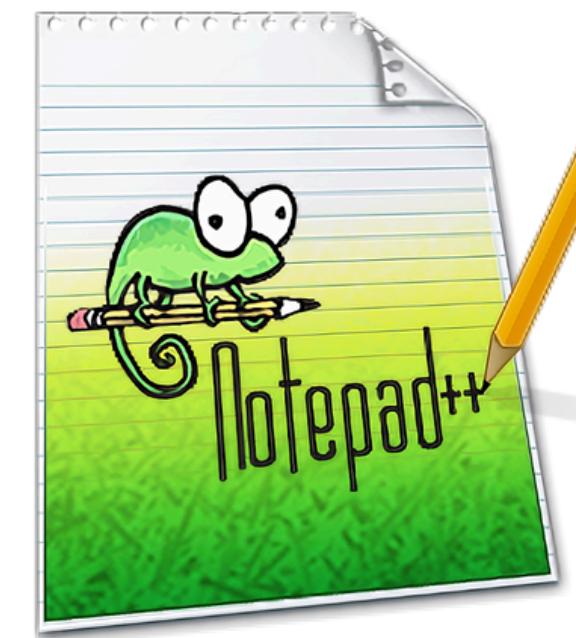


**Integrated Development Environments (IDEs)** refer to software applications that provide a comprehensive and unified set of tools to aid software developers in creating, testing, and debugging their code efficiently. IDEs are powerful and feature-rich platforms that streamline the development process by combining various programming tools within a single interface.



# Text Editor

- Notepad++
- Sublime Text
- Brackets



Brackets

# Text Editor



A **Text Editor** is a software application used for creating, modifying, and managing plain text files. Unlike word processors that focus on formatting and layout, text editors are designed to handle raw text, often without any special formatting or styling. They are essential tools for programmers, web developers, and anyone working with code or plain text documents.

# Programming Languages

Several frameworks are also available here.

- C
- Java
- Python
- HTML
- CSS
- Javascript
- Bootstrap
- React



Bootstrap



HTML



React

CSS



Java



# Programming Languages and Frameworks

## Python

- Web Development
- Data Analysis
- Artificial Intelligence and Machine Learning
  - Scripting
  - Prototyping

## C

- System Programming
- Embedded Systems
- Game Development
- Performance-Critical Applications

## Java

- Web Applications
- Android App Development
- Enterprise Applications
- Internet of Things (IoT)
- Cloud Computing.

# Programming Languages and Frameworks

## HTML

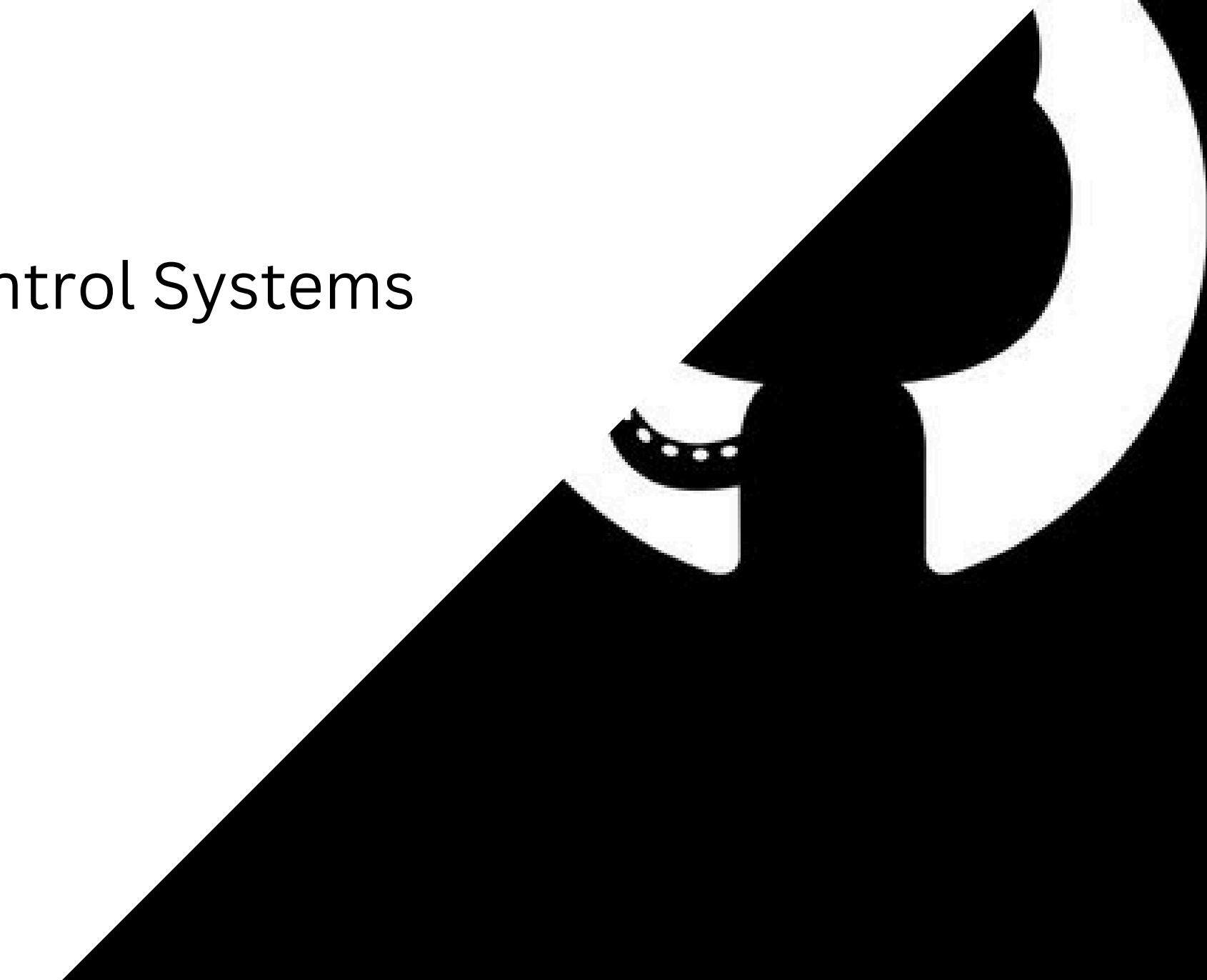
- Creating Web Pages
- Structuring Content
  - Text Formatting
- Adding Images and Media
  - Creating Links and Navigation
- Building Forms for User Input

## CSS

- Styling Web Pages
- Setting Colors and Backgrounds
- Formatting Text and Fonts
  - Creating Layouts and Responsive Design
- Applying Transitions and Animations
- Making Web Pages Print-Friendly

# GitHub

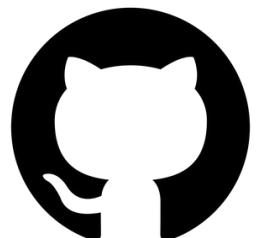
Version Control Systems



# GitHub



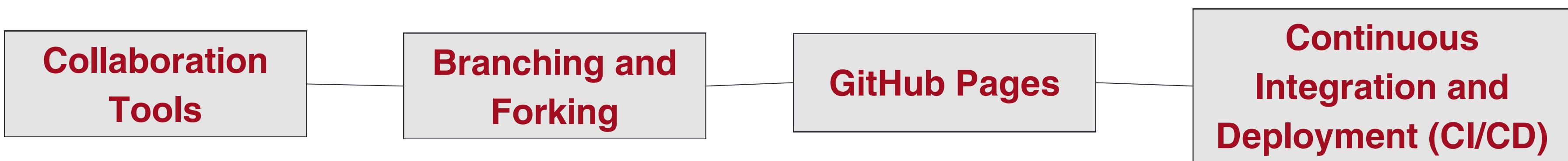
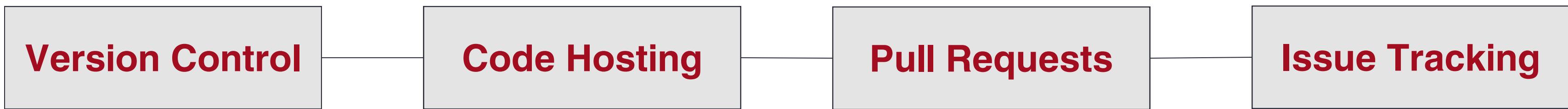
GitHub is a web-based platform and version control system that provides a collaborative environment for software development projects. It allows developers to work together, manage and track changes to their code, and collaborate seamlessly within teams or with the global open-source community.



**GitHub**

# Key features of GitHub.

Introduction to github



[Back to Agenda](#)

# Virtualization

Brief introduction.

# Virtualization



Virtualization is a technology that enables the creation of virtual versions or representations of computing resources, such as servers, storage devices, operating systems, or networks, within a single physical hardware platform. It allows multiple virtual environments to run independently on the same physical system, effectively maximizing resource utilization and flexibility.

# Key points about virtualization

**Virtual Machines (VMs)**

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**Hypervisor**

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**Testing and Development**

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**Isolation**

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**Cloud Computing**

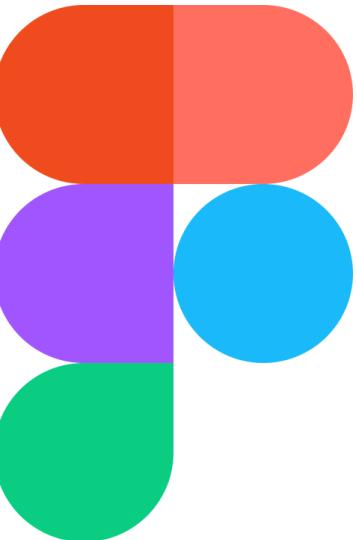


# Figma

Figma is a cloud-based design and prototyping tool used by designers and teams to create user interfaces (UI), user experience (UX) designs, and interactive prototypes. It offers a collaborative environment that allows multiple designers to work simultaneously on the same project in real time, making it a popular choice for team-based design projects.

## Key features of Figma

- **Cloud-Based**
- **Vector Editing**
- **Components and Styles**
- **Prototyping and Interactions**
- **Design Handoff**
- **Plugins and Integrations**



# Courses

- Udemy
- Coursera
- Cisco
- EC-Council
- DP-Education

# Thank You



# Connect with us.

Email

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Social Media

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