Cybersecurity and secure software development

Detailed Mandatory Requirement for Applicants

1. Mandatory Requirement on Programming Proficiency Applicants are expected to have a basic level of programming proficiency before joining the Cybersecurity and secure software development program.

At the time of admission, applicants should ideally be comfortable with:

Python Basics: writing and executing scripts, handling input/output, simple data manipulation
Introduction to Libraries: using libraries such as NumPy and pandas for data handling

Applicants are advised to self-assess their comfort with these areas. Those with little or no prior experience in programming are strongly encouraged to take the Programming Bridge Programme before entering the Cybersecurity and secure software development program..

3. The Python Bridge Programme

Duration: 4 months
Objective: To equip learners with the foundational programming and computational skills necessary for success in the Cybersecurity and secure software development program..
Mode: 100% online
Design: Tailored by BITS Pilani Digital faculty to build programming readiness. Upon successful completion, learners will receive confirmed admission into the next available batch of the Cybersecurity and secure software development program. Students opting for the bridge programme will pay only the bridge course fee (INR 8,500 only inclusive of GST) initially.After successful completion, learners will proceed for the Cybersecurity and secure software development program.

 3. Enrolment Options

Eligible applicants receiving an admission offer can choose between:
1. Direct Enrolment into the Cybersecurity and secure software development program, if confident in programming preparedness; or
2. Bridge Pathway, where they first complete the 4-month Programming Bridge Programme and then join the next Cybersecurity and secure software development program cohort.