SHORT-TERM
VIRTUAL INTERNSHIP PROGRAM

An initiative of **SmartBridge** in collaboration with **APSCHE**

SMARTBRIDGE EDUCATIONAL SERVICES PVT. LTD.

About SmartBridge

Founded in 2015, SmartBridge is a pioneering EdTech solutions provider dedicated to bridging the gap between academia and industry. Our mission is to build a sustainable talent pipeline for emerging industries by nurturing robust collaborations between educational institutions and the corporate world.

- 1.25 Mn. — Students Skilled
- 660K+ — Virtual Internships
- 35K+ — Educators Upskilled
- 2.7K+ — Colleges Connected
- 2500+ — Learning Modules
- 15+ — Industry Partnerships

Virtual Internship Program Structure (8 Weeks)

120 Hrs. of experiential learning in a collaborative learning environment supported by Industry Mentors

Phase 1 : Student Virtual Training Sessions 4 weeks

Phase 2 : Project Orientation sessions to students 1 week

Phase 3 : Self paced / Project Development 2 weeks

Phase 4 : Grand Assessment Project Submission 1 weeks

40 Hr.
Live Instructor Led Training

40 Hr
Self Paced Learning

30 Hr
Project Development

10 Hr
Mentoring

Assessment

Productivity Tools

Evaluation and Scoring

Certification

Artificial Intelligence & Machine Learning

Modules

- Module -I Introduction to Machine Learning & Artificial Intelligence
- Module -II Python, Python Libraries, Data Preprocessing
- Module -III Machine Learning with TensorFlow & Scikit-learn
- Module -IV Introduction to Neural Network & Transfer Learning
- Module -V Web App Development

Outcome

Upon completing this course, learners will gain foundational to advanced knowledge in Artificial Intelligence and Machine Learning, including key tools, libraries, and real-world use cases. They will develop hands-on skills in Python programming and its libraries like NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, and TensorFlow for data preprocessing and model building. Learners will explore core machine learning algorithms for both regression and classification tasks, evaluate model performance using appropriate metrics, and apply advanced concepts like neural networks, CNNs, and transfer learning using pre-trained models such as ResNet and VGG. The course culminates with deploying AI/ML models using Flask, enabling students to integrate intelligent systems into real-time web applications, thus preparing them for roles in AI development, data science, and full-stack AI deployment.

Full Stack Development MERN

Modules

- Module -I Introduction to FSD and Basics Web Technologies
- Module -II JavaScript & ES6 Essentials
- Module -III React JS
- Module -IV Node JS & Express JS
- Module -V MongoDB, Performance optimization & Deployment

Outcome

Upon successful completion of this Full Stack Development course, learners will gain a comprehensive understanding of both frontend and backend technologies, enabling them to design responsive web interfaces using HTML5, CSS3, and advanced JavaScript (ES6+). They will develop dynamic single-page applications with React, manage state, forms, and events effectively, and build scalable backend services using Node.js and Express.js. Learners will also work with MongoDB to model data, perform CRUD operations, and implement authentication and performance optimization techniques. The course equips students with the skills to integrate, test, and deploy MERN stack applications using modern CI/CD practices, preparing them for real-world full stack development roles.

Generative AI with IBM Cloud

Modules

- Module -I Introduction to Generative AI
- Module -II Generative AI Core Models & Lang chain Basics
- Module -III Building LLM Applications and RAGs
- Module -IV Cloud Foundations, Watsonx Platform, Watson Orchestrate, Watson Studio
- Module -V AI Agents, and Watson Machine Learning Deployment

Outcome

Upon completing this course, learners will develop a strong conceptual and practical foundation in Generative AI, including its core models like GANs, VAEs, and Transformers, and explore its applications across domains such as healthcare, finance, and education. They will acquire prompt engineering skills to effectively interact with large language models (LLMs) and build intelligent applications using LangChain, leveraging components like chains, prompts, memory, and indexes. The course equips learners to implement Retrieval-Augmented Generation (RAG) systems by combining LLMs with vector databases and embedding models. Learners will gain hands-on experience with IBM Cloud, Watsonx platform, Watson Studio, and Watson Orchestrate to train, deploy, and manage AI models responsibly. Furthermore, they will understand and implement AI agents using frameworks like AutoGen, CrewAI, and LangFlow, and deploy available LLL models using IBM Watson Machine Learning, preparing them for real-world roles in AI development, cloud-based AI deployment, and intelligent automation.

Data Analytics with Tableau

Module

- Module -I Introduction to tableau and Data Analytics Fundamentals
- Module -II Data Cleaning and Data Modelling
- Module -III Advance Data Visualization and Functions
- Module -IV Data Storytelling and Advanced Reporting
- Module -V Publishing, sharing, and collaborating on reports using tableau Service

Outcome

Upon successful completion of this course, learners will gain a solid foundation in data analytics and business intelligence concepts, with hands-on experience using Power BI for data-driven decision-making. They will understand the different types of analytics - descriptive, diagnostic, predictive, and prescriptive - and apply data modeling and visualization techniques to derive insights from real-world datasets. Learners will be proficient in importing, cleaning, and transforming data using Power Query, building relationships between datasets, and creating impactful visualizations and dashboards. The course also develops strong competencies in writing DAX (Data Analysis Expressions) functions for complex calculations and insights. Through data storytelling, advanced report design, and interactive formatting, learners will be able to create engaging, insightful reports. Finally, they will master the Power BI Service for publishing, sharing, and collaborating securely, incorporating data governance, row-level security, and industry best practices, preparing them for analytics roles in business environments.

Salesforce Developer

Module

- Introduction
- Data Modeling
- Data Security
- Reports & Dashboards
- Process Automation
- Apex (Triggers)
- Asynchronous Apex
- Apex Integration & Testing
- LWC
- Agent Force

outcome

- Understand Salesforce architecture and navigate Salesforce.
- Understand how to design and structure data with custom objects, fields, and relationships.
- Master how to secure records, fields, and objects at various levels (org-wide, record-level, field-level).
- Analyze and visualize data with Reports and Dashboards.
- Automate repetitive tasks without code using Flows, Approval Processes, Workflow Rules.
- Write Apex triggers to automate complex business logic when records are inserted, updated, or deleted.
- Understand and apply asynchronous operations for long-running tasks.
- Integrate Salesforce with external systems using REST/SOAP APIs.
- Build fast, responsive UI components using modern web standards (HTML, CSS, JavaScript). A Salesforce platform that allows organizations to build, customize, and deploy autonomous AI agents.

Servicenow Admin

Module

- Introduction to ServiceNow & Navigation
- User, Group, and Role Management
- Configuration of Forms and Fields
- Service Catalo & Request Management
- Incident, Problem, and Change Management
- Access Control & Security

Outcome

- Navigate the UI: Application Navigator, Banner, and Content Frame
- Create and manage users, groups, and roles
- Customize forms using form layout and form design
- Build and manage catalog items, record producers, and order guides
- Implement ITIL-aligned processes in ServiceNow
- Set up Access Control Rules (ACLs) for tables, fields, and records

Thankyou