



SOFTWARE
DEVELOPMENT

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SOFTWARE DEVELOPMENT



About us

For over 25 years, PCS Private Limited has been a trusted leader in training and placements, running successful franchise partnerships in CAD, software training, abroad studies, and language learning

Building on this strong foundation, we are proud to launch our own brand
– SkillAcross – dedicated to empowering learners with future-ready skills.

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9543125855/7904353905

CERTIFIED FULLSTACK JAVA PROFESSIONAL

JAVA

- Introduction to Java
- OOps with Java
- Creating classes, objects
- Work with Arrays
- String Handling
- Class hierarchy
- Polymorphism
- Abstract Classes
- Java Swings
- Layout Managers
- Util packages
- Event Handling
- Thread and Multi-Threading
- Java Networking
- Java Heap Memory
- Database Management
- Mini Project
- I/O streams
- Exception Handling

WEB DESIGN

- Introduction to Hyper Text Mark-up Language(HTML5)
- Cascading Style Sheets
- JavaScript
- jQuery
- Bootstrap
- SEO
- Hosting Website
- Mini Project
- Bootstrap Examples
- Media Query
- jQuery Animate
- Data Types
- JavaScript Operators
- JavaScript Decision making
- JavaScript Looping
- JavaScript Array
- JavaScript Function

ADVANCED JAVA

- What is JDBC
- Exercise on SQL and JDBC
- HTML (Hyper Text Mark-up Language)
- Web application
- Introduction to JSP
- Exercise in JSP and Java script
- Boot Introduction
- Java Spring Boot

DURATION: 150HOURS

CERTIFIED FULLSTACK PYTHON PROFESSIONAL

PYTHON

- Introduction to Python
- Python Control Flow Statement
- Operators in python
- Python Data Structures & Data Types
- Functions in Python
- Lambda Functions
- Modules & Package in Python
- Data Structure in Python
- Errors & Exceptions Handling
- File Handling
- Object Oriented Programming In Python
- GUI in Python (Tkinter)
- Python MYSQL Database
- Python Graphics
- Network Programming
- Threads & Multi-threading
- Python CGI
- Real Time Project

WEB DESIGN

- Introduction to Hyper Text Mark-up Language(HTML5)
- Cascading Style Sheets
- JavaScript
- jQuery
- Bootstrap
- SEO
- Hosting Website
- Mini Project

DJANGO

- Introduction to Django
- Website front-end(HTML,CSS
- Website front-end(Bootstrap,Jinja2)
- Java script (Client side)
- Installing packages
- Dependencies of Django
- Of Pycharm community edition
- Django project
- Understating the routing
- MVC and MVT architecture
- Usage of Python & HTML
- Django RESTful API - CRUD operation
- Form & Model Form
- User Authentication
- Classy views classes for CRUD
- General Django settings
- Real Time Project

DURATION: 180HOURS

CERTIFIED MERNSTACK PROFESSIONAL

MANGO DB

- Introduction to MANGO DB
- MANGO DB Environment
- MANGO DB Create Database
- MANGO DB Drop Database
- MANGO DB Create Collections
- MANGO DB Drop Collections
- MANGO DB Read Operation
- MANGO DB Write Operations
- MANGO DB Data Modeling
- MANGO DB Administration
- MANGO DB Atlas - Cloud configuration
- MANGO DB Security
- MANGO DB Schema
- MANGO DB Indexes
- MANGO DB Storage
- MANGO DB Replications

REACT JS

- React Introduction
- React JS Components, React JSX
- React Forms, React JS Advance Concepts
- React JS Lifecycle of Components
- React JS Hooks, React JS Hands - On Tasks
- React JS Connection Deployment

NODE JS

- Node.js Introduction
- Data Type, Building Object
- Function, Language, Object
- Advanced, Module, Package
- NPM, Event, Stream, HTTP

HTML

- Introduction to HTML
- HTML Styles, HTML Blocks
- HTML Classes HTML Layout
- HTML Forms, Tables

EXPRESS JS

- Introduction to Express Framework
- Getting Started with Express Your first Express App
- Express Routing - Implementing MVC in Express, Middleware - Using Templates - Engines
- Error Handling -API Handling
- Developing Template Engine - Using Process Managers
- Security & Deployment
- SEO,DNS,HOST,SMTP Basics
- Payment Gateway Project, Auth Project
- Real - Time Projects on MERN Stack (Rest - API)

CSS

- Introduction of CSS3
- CSS3 Shadows, CSS3 Align
- CSS3 Float, .CSS3 Icon
- CSS3 Drop Down, CSS3 Attribute Selector
- CSS3 Grid Layout, CSS3 Animation

JAVA SCRIPT

- Introduction to JavaScript
- JS Expression and Operation
- JavaScript Control Flow Statements
- JavaScript Loops, JavaScript Objects
- JavaScript Functions
- JavaScript Regular Expression
- JavaScript Events, JavaScript OOPs
- JS Inheritance and Prototype Chain
- JavaScript Memory Management
- JavaScript Iterators and generators
- JavaScript Validations
- JavaScript Exception Handling

BOOTSTRAP

- Introduction to Bootstrap
- Bootstrap Basics
- Bootstrap CSS, Bootstrap JS
- JQuery, JSON

CERTIFIED DATA ANALYTICS PROFESSIONAL

PYTHON

- Introduction to Python
- Python Control Flow Statement
- Operators in python
- Python Data Structures & Data Types
- Functions in Python
- Lambda Functions
- Modules & Package in Python
- Data Structure in Python
- Errors & Exceptions Handling
- File Handling
- Object Oriented Programming In Python
- GUI in Python (Tkinter)
- Python MYSQL Database
- Python Graphics
- Network Programming
- Threads & Multi-threading
- Python CGI

POWER BI

- Introduction to POWER BI
- Basic charts in POWER BI
- Maps in POWER BI
- Tables and matrix in POWER BI
- Other charts in POWER BI
- Cards and filters in POWER BI
- Slicers in POWER BI
- Advanced charts in POWER BI
- POWER BI objects, bookmarks, and actions
- POWER BI services
- Text functions in power query
- Date functions
- Number functions in power query
- Appending data in POWER BI
- Introduction to merge queries
- Introduction to conditional column and column from examples
- Important topics in POWER BI
- M language

SQL

- Introduction to SQL
- Introduction to Databases and RDMBS
- Install a Database Engine
- SQL Syntax, Data Types, SQL Operators
- SQL Expression, SQL Comments
- SQL – Data Definition Language Commands and Operations
- SQL – Data Manipulation Language Commands and Operations
- SQL – Data Control Language Commands
- SQL Functions, SQL Queries and Sub Queries
- SQL Clauses, SQL Joins, SQL Views
- SQL Indexes, SQL Transactions, SQL Injection
- Data Management in Different Time Zone
- Regular Expression Support

MS-EXCEL

- Introduction to MS Excel
- Importing files Workbooks using templates
- Changing Worksheet order
- Navigating through Worksheets
- Changing worksheet tab color
- Changing workbook themes
- Inserting Headers and Footers
- Hiding worksheets
- Customizing the Quick Access Toolbar
- Changing workbook Views
- Zoom option, Displaying formulas
- Freezing panes, Splitting the Window
- Maintaining Backward Compatibility
- Protecting Workbooks using Password
- Appending data to worksheets
- Inserting and deleting cells
- Changing font and Font style
- Utilizing References, Order of operations
- Utilizing the SUMIF functions
- Creating charts and graphs, Inserting text Boxes
- Modifying object properties

CERTIFIED UI/UX ASSOCIATE

- UX design training modules
- Experience Design Thinking
- principles starting an UX
- Conducting survey
- Analysis
- Heuristic analysis
- Google analytics
- Design strategy
- Intuitive & Persuasive designing Design
- Mental models
- Early usability testing
- Sketching
- High fidelity models
- Prototype Web, Mobile & Tablet
- Testing Usability testing
- Remote usability testing
- UX project completion
- UI design training modules
- UI design process Design psychology
- Web, Mobile & Tablet visual designing
- Image editing
- Web template design Creating UI
- Google Material design
- Visual design output
- High impact presentations
- CSS3
- Java Script jQuery Bootstrap Form
- Final Portfolio Output
- Final Project Report Submission

DURATION: 50HOURS

CERTIFIED SQL ASSOCIATE

- Introduction to SQL
- Introduction to Databases and RDMBS
- Install a Database Engine
- SQL Syntax
- SQL Data Types
- SQL Operators
- SQL Expression
- SQL Comments
- SQL – Data Definition Language Commands and Operations
- SQL – Data Manipulation Language Commands and Operations
- SQL – Data Control Language Commands
- SQL Functions
- SQL Queries and Sub Queries
- SQL Clauses
- SQL Joins
- SQL Views
- SQL Indexes
- SQL Transactions
- SQL Injection
- Data Management in Different Time Zone
- Regular Expression Support

DURATION: 40HOURS

CERTIFIED C & C++ ASSOCIATE

- Introduction to C
- Variables & Data types
- Storage classes
- Conditional Branching
- Conditional looping
- Unconditional control statements
- Arrays, Strings
- Pointers
- Compound Data Types
- Pre-processor Directives
- File I/O
- Dynamic Memory Management
- GNU GCC compiler
- Project

- Introduction to C++
- Introduction, IDE
- Functions, Operator
- Conditional Branching control statements
- Conditional looping control statements
- Arrays, Strings, File I/O
- Compound Data structures
- Classes and Objects
- L value & R value references
- Inheritance
- Function and operator overloading
- STL Containers
- Iterators & Iterator classes
- Errors and Debugging
- Creating Libraries

DURATION: 60HOURS

INTERNATIONAL CERTIFICATION DETAILS

GLOBAL CERTIFICATION

Java SE 8 Programmer I



EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
1Z0-808	232 USD	120 MINUTES	56	65%	Exam has been validated for product version Java SE 8

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GLOBAL CERTIFICATION

Java SE 8 Programmer II



EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
1Z0-809	232 USD	120 MINUTES	68	65%	Exam has been validated for product version Java SE 8

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INTERNATIONAL CERTIFICATION DETAILS

GLOBAL CERTIFICATION

PCEP™ – Certified Entry-Level Python Programmer

 

     

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
PCEP-30-02	69 USD	40 MINUTES	30	70%	LIFETIME

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GLOBAL CERTIFICATION

PCAP™ – Certified Associate Python Programmer

 

     

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
PCAP-31-03	295 USD	65 MINUTES	40	70%	LIFETIME

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GLOBAL CERTIFICATION

PCPP1™ – Certified Professional Python Programmer Level 1

 

     

EXAM CODE	COST (USD)	EXAM DURATION	NO. OF QUESTIONS	PASSING MARKS IN %	VALIDITY
PCPP-32-101	295 USD	65 MINUTES	45	70%	LIFETIME

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With SkillAcross, our mission is to create a world-class skilling ecosystem that helps learners build expertise, gain global exposure, and achieve career success.

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