UNLIMITED POWERFUL LEARNING

UPL PROSPECTOUS

early break even | best experience

2023

@unlimited powerfull learning

ABOUT COMPANY:

UNLIMITED POWER FULL LEARNING (UPL) aims to solve the challenges and minimize the gap between students with IT industries' expectations. This organization is built by a strong team who are having good academic and industry experience of more than two decades. The founder of this experience G.D. Mallikarjuna has 20+ plus started as a technologist having diverse experience in the education sector as Trainer and Developer.

VISION:

At UPL@SNIPE, we make the best experience in technology learning with career guidance for their life journey

MISSION:

Learn with Live experience and career values.

PROGRAMS OFFERED:

PROGRAMS	DURATION	AMOUNT + GST
CODING BOOT CAMP	4 TO 6 MONTHS	Rs.30000/-
CERTIFICATION COURSE	3 SEMESTERS 1 YEAR COURSE	Rs. 25000/- per semester Rs. 10000/- final semester
CAREER BRIDGE	3 MONTHS	Rs. 50000/-
INDUSTRY READINESS PROGRAM	3 MONTHS	Rs.20000/-

*Terms and Conditions are subjected to further discussion before signing the legal agreement

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CAREER BRIDGE:

ABOUT THIS MODEL

- **Category:** Virtual Program
- **Target Audience:** Experienced
- **Duration:** 6 Months
- **Cost:** Rs. 50,000/Candidate
- **Course Coverage:** This is upskilled program. In this, 6-month weekend program to upskill for those people who are already in IT Industry. It covers best practices, coding design , documentation skill and along with technology. Mentors having 15 plus years of an industry experience will provide tips and guidance based on the career aspiration. all the programs, will be having Web development in Java fullstack, Data science, Devops, Automation Testing and Entrepreneurship.
- **Outcome:** Promotion & Upskill

COURSES ARE :

1.Scrum master certification
2.Product management
3.Delivery manager
4.Java technical manager
5.Net technical manager
6.Java Technical architect
7.Java Team lead
8.NET Team Lead
9.Project Management

JAVA TEAM LEAD

A Java Team Lead course aims to equip individuals with the necessary skills and knowledge to lead a team of Java developers effectively. The course content may vary depending on the program or training provider. However, here is a general outline of the topics commonly covered in a Java Team Lead course:

UNIT_001 : JAVA DEVELOPMENT FUNDAMENTALS: 03 HRS

Overview of the Java programming language and its key features.
Understanding object-oriented programming (OOP) concepts in Java.
Java syntax, data types, variables, and control structures.
Exception handling and error management in Java.

UNIT_002 : ADVANCED JAVA CONCEPTS: 03 HRS

In-depth understanding of Java collections framework (lists, maps, sets, etc.).
Generics and type parameterization in Java.
Multithreading and concurrency in Java applications.
Java I/O operations, file handling, and serialization.

UNIT_003 : JAVA ENTERPRISE DEVELOPMENT: 05 HRS

Introduction to Java Enterprise Edition (Java EE) and its components.
Building web applications using Java Servlets, JavaServer Pages (JSP), and JavaServer Faces (JSF).
Understanding Java Persistence API (JPA) and Object-Relational Mapping (ORM).
Implementing web services using Java technologies (SOAP, RESTful).

UNIT_004 : DESIGN PATTERNS AND BEST PRACTICES 05 HRS

Common design patterns used in Java development (e.g., Singleton, Factory, Observer).
Applying design principles (SOLID, DRY) and best practices in Java development.
Code organization, modularization, and code reusability.
Unit testing and test-driven development (TDD) in Java.

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UNIT_005 : SOFTWARE DEVELOPMENT LIFE CYCLE (SDLC): 03 HRS

Overview of software development methodologies (e.g., Agile, Scrum) and their implementation in Java projects.
Requirements gathering and analysis.
Estimation and project planning.
Collaborating with stakeholders, including business analysts, project managers, and quality assurance teams.

UNIT_006 : TEAM LEADERSHIP AND MANAGEMENT: 03 HRS

Effective communication and collaboration within a development team.
Leading and motivating a team of Java developers.
Resource management, task allocation, and tracking team progress.
Conflict resolution and problem-solving skills.
Performance management and conducting code reviews.

UNIT_007 : QUALITY ASSURANCE AND TESTING: 05 HRS

Implementing testing strategies and methodologies in Java projects.
Unit testing frameworks (e.g., JUnit, Mockito) and test automation.
Code quality analysis and static code analysis tools.
Performance testing and optimization techniques

UNIT_008 : CONTINUOUS INTEGRATION AND DEPLOYMENT 05 HRS

Setting up build automation and continuous integration pipelines (e.g., Jenkins, Maven).
Version control systems and collaborative development (e.g., Git, GitHub).
Deploying Java applications to various environments (e.g., on-premises, cloud).

UNIT_009 : SECURITY AND PERFORMANCE OPTIMIZATION: 03 HRS

Understanding Java application security principles and best practices.
Implementing secure coding practices and vulnerability mitigation.
Performance optimization techniques for Java applications.
Monitoring and profiling Java applications for performance analysis.

UNIT_010 : PROJECT MANAGEMENT AND DELIVERY: 03 HRS

Managing project scope, timelines, and deliverables.
Risk assessment and management in Java projects.
Change management and handling project constraints.
Reporting project progress and key metrics to stakeholders.

LAB SET JAVA TEAM LEAD

LAB 1 :PROJECT PLANNING AND TASK ALLOCATION

- Analyze project requirements and create a project plan.
- Break down project tasks and allocate them to team members.
- Define project milestones and timelines.

LAB 2 : TEAM MANAGEMENT AND LEADERSHIP

- Build and manage a cohesive and productive development team.
- Delegate tasks and responsibilities effectively.
- Foster a collaborative and positive team culture.

LAB 3 :CODE REVIEW AND QUALITY ASSURANCE

- Conduct code reviews to ensure adherence to coding standards and best practices.
- Identify and address code quality issues.
- Implement tools and processes for code quality assurance.

LAB 4 : TECHNICAL PROBLEM SOLVING AND TROUBLESHOOTING

- Assist team members in resolving technical issues and challenges.
- Provide guidance and support in troubleshooting code and system problems.
- Foster knowledge sharing and continuous learning.

LAB 5 : TASK TRACKING AND PROGRESS MONITORING

- Implement a task tracking system to monitor project progress.
- Regularly update and communicate task status to stakeholders.
- Address project deviations and make necessary adjustments.

LAB 6 : TEAM COLLABORATION AND COMMUNICATION

- Foster effective communication and collaboration within the team.
- Conduct team meetings to discuss progress, challenges, and solutions.
- Encourage open and transparent communication among team members.

LAB 7 : MENTORSHIP AND SKILL DEVELOPMEN

- Provide mentorship and guidance to team members.
- Identify skill gaps and provide opportunities for skill development.
- Conduct technical training sessions or workshops.

LAB 8 : STAKEHOLDER MANAGEMENT

- Identify project stakeholders and their expectations.
- Communicate effectively with stakeholders to manage expectations.
- Collaborate with stakeholders to gather feedback and address concerns.

LAB 9 : CONTINUOUS IMPROVEMENT AND PROCESS OPTIMIZATION

- Identify process bottlenecks and areas for improvement.
- Implement process optimization initiatives to enhance team efficiency.
- Continuously monitor and evaluate processes for further improvement.

LAB 10 : PERFORMANCE EVALUATION AND FEEDBACK

- Conduct performance evaluations for team members.
- Provide constructive feedback and coaching for professional growth.
- Identify and recognize outstanding performance.

THANK YOU

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