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<br>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

UPL
UNLIMITED POWER FULL LEARNING

# 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 TECHNICAL ARCHITECT

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

## UNIT_001 : INTRODUCTION TO TEAM LEADERSHIP: 03 HRS

Understanding the role and responsibilities of a Java Team Lead.
Key traits and qualities of effective team leaders.
Transitioning from a developer role to a leadership role.

## UNIT_002 : COMMUNICATION AND COLLABORATION: 03 HRS

Effective communication techniques for team leaders.
Facilitating team meetings and discussions.
Building a collaborative and inclusive team culture.
Resolving conflicts and managing team dynamics.

## UNIT_003 : TEAM MANAGEMENT AND MOTIVATION: 05 HRS

Building and managing a high-performing Java development team.
Setting team goals and defining individual roles and responsibilities.
Motivating and empowering team members

## UNIT_004 : PROJECT PLANNING AND EXECUTION: 05 HRS

Understanding the software development life cycle (SDLC).
Creating project plans and setting realistic timelines.
Estimating project effort and resource allocation.
Managing project risks and mitigating issues.

## UNIT_005 : TECHNICAL LEADERSHIP: 03 HRS

Providing technical guidance and mentorship to the team.
Reviewing code and ensuring adherence to coding standards.
Guiding architectural decisions and system design.
Conducting code reviews and promoting best practices.

## UNIT_006 : AGILE METHODOLOGIES: 03 HRS

Understanding Agile principles and values.
Applying Agile methodologies such as Scrum or Kanban.
Facilitating Agile ceremonies (e.g., daily stand-ups, sprint planning, retrospectives).
Agile project management and tracking progress.

## UNIT_007 : QUALITY ASSURANCE AND TESTING: 05 HRS

Implementing quality assurance processes and best practices.
Conducting testing activities (unit testing, integration testing, etc.).
Ensuring software quality and adherence to requirements.
Collaborating with quality assurance teams

## UNIT_008 : STAKEHOLDER MANAGEMENT 05 HRS

Identifying and managing project stakeholders.
Understanding stakeholder expectations and requirements.
Effectively communicating with stakeholders.
Managing customer relationships and expectations.

## UNIT_009 : CONTINUOUS IMPROVEMENT: 05 HRS

Identifying opportunities for process improvement.
Conducting retrospectives and capturing lessons learned.
Implementing continuous integration and deployment (CI/CD) practices.
Encouraging a culture of learning and innovation within the team.

## UNIT_010 : LEADERSHIP AND PROFESSIONAL DEVELOPMENT: 03 HRS

Developing leadership skills and personal growth as a team lead.
Setting personal and professional goals.
Building a network and seeking mentorship opportunities.
Keeping up-to-date with the latest Java technologies and trends.

# LAB SET JAVA TECHNICAL ARCHITECT

## LAB 1 :SYSTEM ANALYSIS AND REQUIREMENTS GATHERING

- Analyze project requirements and conduct system analysis.
- Gather functional and non-functional requirements.
- Define project scope and objectives.

## LAB 2 : ARCHITECTURAL DESIGN AND PATTERNS

- Develop architectural design documents.
- Apply architectural patterns (e.g., layered architecture, microservices) to project design.
- Evaluate and select appropriate technology stack and frameworks.

## LAB 3 : APPLICATION DESIGN AND MODELING

- Create detailed application design using UML diagrams.
- Define class structures, relationships, and interfaces.
- Apply design principles (e.g., SOLID principles) and best practices.

## LAB 4 : DESIGN REVIEW AND DOCUMENTATION

- Conduct design reviews to ensure architectural alignment and adherence to standards.
- Provide feedback and recommendations for design improvement.
- Document design decisions and rationale.

## LAB 5 : TECHNICAL PROOF OF CONCEPT (POC)

- Identify technical risks or challenges.
- Develop and present a technical PoC to address the identified risks.
- Evaluate and validate the feasibility and effectiveness of the proposed solutions.

## LAB 6 : CODE REVIEW AND QUALITY ASSURANCE

- Perform code reviews to ensure adherence to architectural guidelines and coding standards.
- Identify and address code quality issues.
- Implement tools and processes for code quality assurance.

## LAB 7 : PERFORMANCE OPTIMIZATION AND SCALABILITY

- Analyze and optimize application performance.
- Design and implement scalability solutions.
- Conduct load testing and performance profiling.

## LAB 8 : SECURITY ARCHITECTURE AND IMPLEMENTATION

- Define and implement application security architecture.
- Identify potential security risks and vulnerabilities.
- Implement security best practices and standards.

## LAB 9 : INTEGRATION AND MIDDLEWARE SOLUTIONS

- Design and implement integration solutions using messaging frameworks or APIs.
- Evaluate and select appropriate middleware technologies.
- Ensure seamless integration with external systems.

## LAB 10 : CONTINUOUS IMPROVEMENT AND TECHNICAL GUIDANCE

- Promote technical innovation and continuous improvement within the development team.
- Provide technical guidance and mentorship to developers.
- Stay updated with emerging technologies and industry trends.

# THANK YOU

## VISIT US @

+91 63635 07858

www.uplsnipe.com

D0WLOARD THE APP

GET IT ON Google Play

/uplsnipe

uplsnipe

#123, 70Th Cross, 2Nd Floor, SVA Arcade, 5Th Block Rajajinagara, Bengaluru - 560010