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

.NET TEAM LEAD

A .NET Team Lead is responsible for leading a team of software developers in the .NET framework to develop and deliver software solutions. Here are the key areas of knowledge and skills typically covered in a .NET Team Lead course:

UNIT_001 : .NET FRAMEWORK FUNDAMENTALS: 03 HRS

Understanding the basics of the .NET framework and its components.
Familiarity with the Common Language Runtime (CLR) and the .NET class library.
Knowledge of .NET languages such as C# or VB.NET.

UNIT_002 : SOFTWARE DEVELOPMENT WITH .NET: 03 HRS

Building applications using the .NET framework.
Understanding application architecture and design patterns in .NET.
Using Visual Studio as the primary integrated development environment (IDE).
Managing project structure, dependencies, and solution files.
Version control systems for source code management (e.g., Git, TFS).

UNIT_003 : .NET WEB DEVELOPMENT: 05 HRS

Building web applications using ASP.NET and ASP.NET Core frameworks.
Understanding web application architecture and the request/response model.
Working with HTML, CSS, JavaScript, and client-side frameworks (e.g., Angular, React) in .NET projects.
Implementing server-side functionality, data access, and security measures.
Developing and consuming web APIs.

UNIT_004 : DATABASE INTEGRATION: 03 HRS

Working with databases in .NET applications.
Understanding database management systems (e.g., SQL Server, MySQL).
Using ADO.NET or Entity Framework for data access.
Writing SQL queries and stored procedures.
Implementing database migrations and schema management.

UNIT_005 : TEAM LEADERSHIP AND MANAGEMENT: 03 HRS

Leading and managing a team of .NET developers.
Task allocation and tracking progress.
Mentoring and guiding team members.
Conducting code reviews and ensuring code quality.
Effective communication and collaboration with stakeholders.

UNIT_006 : SOFTWARE TESTING AND QUALITY ASSURANCE:05 HRS

Understanding software testing methodologies and best practices.
Writing unit tests using testing frameworks (e.g., NUnit, xUnit).
Test-driven development (TDD) and behavior-driven development (BDD) approaches.
Implementing automated testing strategies and tools.
Code quality analysis and static code analysis tools (e.g., SonarQube).

UNIT_007 : APPLICATION SECURITY: 05 HRS

Understanding common security vulnerabilities and best practices.
Implementing authentication and authorization mechanisms in .NET applications.
Securing sensitive data and protecting against common threats.
Managing user roles and permissions.
Implementing secure coding practices.

UNIT_008 : PERFORMANCE OPTIMIZATION: 03 HRS

Identifying performance bottlenecks in .NET applications.
Using profiling tools to analyze and optimize application performance.
Caching strategies and performance tuning techniques.
Code optimization and memory management in .NET.

UNIT_009 : PROJECT MANAGEMENT: 03 HRS

Understanding project management methodologies (e.g., Agile, Scrum).
Managing project scope, timelines, and deliverables.
Risk assessment and management.
Change management and handling project constraints.
Reporting project progress and key metrics to stakeholders.

UNIT_010 : DEPLOYMENT AND DEVOPS 05 HRS

Deployment strategies for .NET applications.
Understanding continuous integration and continuous deployment (CI/CD) processes.
Setting up build automation and deployment pipelines (e.g., Azure DevOps, Jenkins).
Containerization technologies (e.g., Docker) and deployment to cloud platforms (e.g., Azure, AWS).

LAB SET .NET 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 DEVELOPMENT

- 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 OPTIMIZATIO

- 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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