

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, tech-oriented aesthetic. The central area is a clean, light gray, providing a high-contrast backdrop for the text.

Welcome to Your Tech Lead Journey!

Agenda

- ▶ The Evolving Role of a Tech Lead
- ▶ Key Responsibilities: Beyond Coding
- ▶ Mentoring and Growing Junior Resources
- ▶ Effective Delegation Strategies
- ▶ Monitoring Progress and Providing Feedback
- ▶ Architectural Design: HLD, LLD, and Tech Design
- ▶ Q&A and Next Steps

The Evolving Role: From Developer to Tech Lead

- ▶ You've been a valuable developer, and now you're stepping into a leadership role.
- ▶ This transition involves shifting focus from individual contribution to team enablement.
- ▶ As Tech Lead, you'll guide technical direction and foster team growth.

Key Responsibilities: Beyond Coding

- ▶ Technical Vision and Strategy
- ▶ Code Quality and Best Practices
- ▶ Mentoring and Skill Development
- ▶ Task Delegation and Workload Management
- ▶ Problem Solving and Obstacle Removal
- ▶ Collaboration with Product and Stakeholders

Working Closely with Junior Resources

- ▶ Your role is to guide, support, and empower them.
- ▶ Provide clear guidance and context for tasks.
- ▶ Offer constructive feedback and opportunities for learning.
- ▶ Encourage questions and create a safe space for experimentation.
- ▶ Celebrate their successes and help them learn from challenges.

Effective Delegation Strategies

- ▶ Understand individual strengths and development areas.
- ▶ Clearly define the task, objective, and expected outcome.
- ▶ Provide necessary resources and context.
- ▶ Set clear deadlines and check-in points.
- ▶ Trust your team, but verify progress.
- ▶ Delegate the 'what' and 'why', not necessarily the 'how'.

Monitoring Progress and Providing Feedback

- ▶ Regular check-ins: daily stand-ups, scheduled 1-on-1s.
- ▶ Utilize project management tools for visibility (e.g., Jira, Trello).
- ▶ Focus on outcomes and impact, not just activity.
- ▶ Provide timely and specific feedback, both positive and constructive.
- ▶ Address roadblocks proactively.

Architectural Design: HLD, LLD, and Tech Design

- ▶ High-Level Design (HLD): The 'What' and 'Why'.
 - ▶ Defines the overall system architecture, components, and their interactions.
 - ▶ Focuses on business requirements and technical feasibility.
- ▶ Low-Level Design (LLD): The 'How'.
 - ▶ Details the implementation of each component, including data structures, algorithms, and interfaces.
 - ▶ Provides a blueprint for developers to follow.
- ▶ Tech Design: The detailed plan for specific features or modules.
 - ▶ Incorporates HLD and LLD principles into actionable development tasks.
 - ▶ Crucial for ensuring consistency and maintainability.

Your Role in Design and Architecture

- ▶ Facilitate design discussions and decision-making.
- ▶ Ensure designs align with project goals and technical standards.
- ▶ Guide the team in creating clear and comprehensive HLD, LLD, and Tech Designs.
- ▶ Review and approve designs, providing constructive feedback.

Key Takeaways

- ▶ Leadership is about enabling others.
- ▶ Clear communication and delegation are paramount.
- ▶ Invest in your team's growth.
- ▶ Architecture drives successful software development.

Questions & Discussion

- ▶ What are your initial thoughts or concerns?
- ▶ What support do you need as you transition into this role?