

# Introduction

- Research: debugging & prompt-based code generation.
- Enhanced platform retention by 60% with study mode, DSA quizzes, and notes management modules.
- Education ABES Institute of Technology Sept 2022 – Present B.Tech in Computer Science (AI Specialization) — CGPA: 7.4 Ghaziabad, UP
- Achievements & Certifications: Python Programming – CodeChef, AI/ML Training – GI Ventures powered by Nvidia, AWS Solutions Architecture – Forage

*Notes: Welcome to my presentation. I'm excited to share my research on debugging and prompt-based code generation. I've also included some information about my education and achievements.*

# Concepts in Learning

- Help students recognize and categorize examples by creating mental file folders in the brain.
- Vary in abstraction from specific to broad.
- Critical attributes are the criteria used to determine whether something is or isn't an example of a concept.
- Training students to be concept hunters helps them spot concepts in everyday life, current events, and pop culture.
- Using movement, modeling clay, drawing, etc., can help students describe critical attributes non-linguistically.
- Physical objects can represent concepts using critical attributes, and students can describe how they do so.
- Organizing thinking with concepts improves retention and transfer to new situations.
- Printable worksheets can target basic to complex temporal concepts, such as before/after, first/next/last, and first/second/third.

*Notes: Concepts are essential in learning as they help students recognize and categorize examples, improve retention, and transfer to new situations.*

# Summary

- Research: debugging & prompt-based code generation
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- Education: B.Tech in Computer Science (AI Specialization) at ABES Institute of Technology
- Achievements: Python Programming, AI/ML Training, AWS Solutions Architecture

*Notes: Summary of research and education background*