

Utkarsh Panchal

Personal Info

Name: Utkarsh Panchal

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College: Pune Institute of Computer Technology (PICT)

Career Objective

To leverage my skills in Python programming, data structures, and cloud computing (AWS/Azure/GCP) to contribute to a challenging software development role within an Agile environment. Seeking an entry-level position where I can utilize my database management (SQL) expertise and further develop my programming abilities.

Skills

- * Programming in Python
- * Data Structures and Algorithms
- * Database Management (SQL)
- * Software Development Methodologies (Agile)
- * Cloud Computing (AWS, Azure, or GCP)

Achievements

1. Developed a novel, multi-threaded image processing algorithm for real-time object detection, resulting in a 30% increase in processing speed compared to existing solutions, as demonstrated in the final project for CS345 (Advanced Algorithms).
2. Designed and implemented a secure, scalable, cloud-based application for managing student academic records using a microservices architecture and incorporating robust data encryption techniques, exceeding the requirements of the CS480 (Software Engineering Capstone) project.