

Mohammed Raman

Achievements

1. Developed a novel, multi-threaded image processing algorithm for real-time object detection, resulting in a 35% improvement in processing speed compared to existing state-of-the-art methods. This was implemented as part of a senior capstone project focused on autonomous drone navigation.
2. Designed and implemented a secure, scalable web application using a microservices architecture and a NoSQL database, achieving 99.99% uptime during a six-month period of user testing with over 500 concurrent users. This project, a collaborative effort for a distributed systems course, addressed challenges of data consistency and fault tolerance.

Skills

- * Proficiency in at least one programming language (e.g., Python, Java, C++)
- * Understanding of data structures and algorithms
- * Experience with databases (SQL, NoSQL)
- * Software development lifecycle (SDLC) knowledge
- * Version control using Git

Personal Info

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Career Objective

To secure an entry-level software development role leveraging my proficiency in Python and SQL, alongside knowledge of data structures, algorithms, and SDLC. Seeking a challenging environment to contribute to innovative software solutions and further develop my skills.