Jalsa Ramanathan

Skills

* Data Structures and Algorithms

* Object-Oriented Programming

* Database Management Systems

* Software Engineering Principles

* Networking Fundamentals

Personal Info

Name: Jalsa Ramanathan

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College: Symbiosis Institute of Technology (SIT)

Career Objective

To obtain a challenging entry-level software engineering position leveraging expertise in data structures, algorithms, and object-oriented programming to contribute to innovative software solutions. Seeking a role where I can apply my knowledge of database management, software engineering principles, and networking fundamentals to build robust and scalable systems.

Achievements

1. Developed a novel, high-performance algorithm for [Specific task, e.g., real-time object detection in low-light conditions] resulting in a [Quantifiable result, e.g., 30% reduction in processing time] compared to existing state-of-the-art methods. This was implemented as part of a senior capstone project focusing on [Project area, e.g., embedded systems for autonomous vehicles].

2. Designed and implemented a fully functional [Type of application, e.g., distributed database system] utilizing [Specific technologies, e.g., Cassandra

and Kubernetes] to manage [Data type and scale, e.g., petabytes of sensor data] for [Application context, e.g., a smart city infrastructure simulation]. This project demonstrated expertise in [Relevant skills, e.g., database design, cloud computing, and system administration].