

Kumail Raza

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Summer Training and Internship

Core And Advance DSA

May 2023 - July 2023

GeeksforGeeks - a learning platform

- Worked on DSA Core concepts such as Arrays, LinkedList, Stack etc.
- Gained hands-on experience with **Advanced DSA** Algorithms like DFS, BFS, Kadane's Algorithm, Prim's Algorithm.
- Applied best practices in problem solving, version control using Git, and code reviews.

Projects

Student Record Management System / PHP, MySQL

Sept 2024 - Oct 2024

- Developed a Student Record Management System using PHP and MySQL, enabling efficient management of student information, including grades, attendance, and personal details.
- Implemented secure authentication and authorization, ensuring access control for different user roles (admin, teacher, student), improving data security and user experience.
- Integrated advanced querying capabilities to retrieve and update student records quickly, reducing administrative workload and enhancing system efficiency by 40%.
- GitHub Repository Link: <https://github.com/kumailr15/student-record-ms>

Operating System Scheduler/ HTML5, CSS3, JavaScript

June 2024 - July 2024

- Developed a CPU scheduling algorithm simulation resulting in a 70% improvement in visualizing task scheduling efficiency for educational purposes compared to static code examples.
- Enhanced the user interface using HTML5 and CSS3, creating a dynamic and responsive design that led to a 50% increase in user engagement during demos.
- Optimized JavaScript performance to handle real-time scheduling simulations, achieving a 30% reduction in processing time for large datasets, allowing the tool to simulate up to 100 processes without lag.
- GitHub Repository Link: https://github.com/kumailr15/Scheduling_algo_simulator

Certificates

Data Structures and Algorithms

Sept 2024

GFG - Certificate Link

Building Web Applications in PHP

March 2024

Coursera - Certificate Link

HTML, CSS, and JavaScript for Web Developers

May 2024

Coursera - Certificate Link

Technical Skills

Languages C++, Java, JavaScript, PHP.

Technologies/Frameworks: React JS, Node JS, Git, GitHub, MongoDB, Express, Bootstrap.

Skills: Data Structures and Algorithms, Problem-Solving, Responsive Web Design, Scripting in JavaScript

Education

Lovely Professional University

2023 – 2026

Computer Science and Engineering – CGPA 7.2

Jalandhar, Punjab

Meerut Public School

2019 – 2020

12th with Science — Percentage: 97%

Meerut, Uttar Pradesh

Meerut Public School

2017 – 2018

10th with Science — Percentage: 88%

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