

TONISH

Bhadra, Rajasthan, India

+91 8441856280 itstonish.rajput2022@gmail.com [linkedin.com/in/tonishrajput01/](https://www.linkedin.com/in/tonishrajput01/) github.com/tonishrajput01

Internship

Solving CP using Data Structure

June 2023 - July 2023

Human Resource Development Center, LPU

- Algorithm Simulation: | Programming Language: C++
- Enhance algorithm efficiency, validate correctness, and evaluate scalability using visualizations in controlled simulations for informed deployment decisions.
- Constructed a desktop application which simulate all kind of algorithm to understand how the algorithm actually work.
- Learnt all kind of algorithm complex cp problem- and problem-solving skills.

Projects

Organize Me/ Desktop Application / Java, JDBC, Swing API, Time API, MySQL

Jan 2024 - Mar 2024

- Aimed to provide users with an organized and efficient tool for managing tasks, prioritizing activities, and enhancing productivity.
- Constructed a desktop application to manage all the task, user can categorize their task and manage it according. Task are classified into categories such as General, Important, Planned, Groceries and provide notification to the user.
- Learn Swing API for User Friendly Interface, Multithreading and Advance Java Concepts.

Shopper(E-Commerce) / MERN, Responsive Web Design

Nov 2023 - Dec 2023

- Constructed a website to Order Clothes Item as per the user location.
- Technologies Used: MERN
- Applied latest knowledge successfully to create a responsive E-commerce website.

Shortest Job First Preemption Algorithm C, System call, Ubuntu

Aug 2023 - Oct 2023

- Aimed to simulate CPU scheduling algorithm project is to design and implement algorithms that allocate CPU resources to process, optimizing system performance.
- In this algorithm which is used by CPU to allocate resources on the concept of shortest job serve first and data is collected from the file using system calls.

Certifications

AWS Cloud Technical Essentials

Apr 2024

Coursera - <https://coursera.org/verify/H6X7SGEQFE4K>

Introduction to Shader Graphics with OpenGL

Mar 2024

Coursera - <https://coursera.org/verify/NEFLMLNUJ8ZY>

Responsive Website Basics: Code with HTML, CSS, and JavaScript

Nov 2023

Coursera - <https://coursera.org/verify/A95DCBNT5SU7>

IBM Cloud Essentials

Nov 2023

EDX - <https://courses.edx.org/certificates/a177cc19028d4ad790130c672268b1fb>

Data Structures in C++

Oct 2022

Coding Ninjas - certificate.codingninjas.com/verify/071d209a89649432

Technical Skills

Languages JavaScript, HTML5, CSS, Java, C++, Scripting and automation

Technologies/Frameworks: System architecture and design, Network Config and management, Operating systems MERN, Angular, Git, GitHub, MySQL, Ubuntu, Virtualization Technologies

Skills: DSA, Problem-Solving, Responsive Web Design, Scripting in JavaScript, Root cause Analysis, Optimization, Security (OS), Capacity for continuous learning and adapting to new technologies

Education

Lovely Professional University Punjab

2022 - Present

Computer Science and Engineering — CGPA: 7.97

Jalandhar, Punjab

MDSU (B.Sc.)

2019 - 2021

PCM — Percentage: 63.11%

Rajasthan, In

LBS (12th)

2018-2019

PCM - percentage: 74.40%

Rajasthan, In

Tagore International School, Bhadra, Rajasthan

2016 - 2017

10th —CGPA: 7.4

Rajasthan, In