

MOHAMMAD IKHLAS

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Profile

As a third-year B.Tech student specializing in Computer Science Engineering, I have developed a strong passion for Full Stack Development and Machine Learning. Through various internships and research projects, I have gained substantial hands-on experience, which has helped me hone my skills in these areas. My enthusiasm for tackling complex problems motivates me to constantly improve my abilities, with the goal of making a meaningful impact in the tech industry. I am keen to explore advanced topics in these fields to keep up with the latest developments and contribute innovative solutions to the industry.

Education

- Central University of Kashmir, Ganderbal.

Bachelor of Technology in Computer Science and Engineering | CGPA: 7.2

10/2021 - 08/2025

- Delhi Modern Public School, Pampore

Higher Secondary Education

Internships

- National Institute of Technology Srinagar

Srinagar, Jammu & Kashmir, India

Research And Development Intern

12/2023 - 01/2024

- Developed NIDML, a machine learning-based IDS integrating various algorithms, achieving 93.03%-99.96% accuracy on the LUFlow dataset, addressing interpretability, scalability, and adversarial-resilience issues. Deployed in a real-world scenario, showing superior threat identification compared to traditional IDS.

Skill

Frontend Development - Backend Development - React.js - Node.js - HTML - CSS -
Mongodb - Machine Learning

Programming Languages

Java Script

Python

C

C++

Java

Courses

Web Development, Udemy

March 2023 – June 2023

Python, Udemy

October 2023 – December 2023

Projects

- **Memory Sphere | <https://memorysphere.vercel.app>**

Memory Sphere, a dynamic online platform designed to empower students in honing their skills through interactive Multiple Choice Question (MCQ) sessions. With an extensive repository of questions spanning diverse categories, students can delve into subjects of their choice, and beyond. This platform offers a customizable experience, allowing users to set time limits for each question. Beyond just answering questions, Memory Sphere provides comprehensive performance insights. Students can track their progress, reviewing the total number of questions attempted, correct responses, and areas needing improvement.

- **E-commerce API | <https://github.com/mikhlas9/E-commerce-api>**

This API provides endpoints for managing user accounts, categories, products, shopping carts, and orders in an e-commerce platform.

Positions of Responsibility

Coding Lead

CodeSquad

As a coding lead member for CodeSquad, the competitive programming club of Central University of Kashmir, I oversee the planning and execution of coding challenges and workshops. My role involves mentoring club members, designing problem sets, and ensuring a collaborative and productive learning environment. I also coordinate with other team members to organize events that foster a strong programming culture within the university, aiming to elevate the club's reputation and success in various competitions.