

# MOHAMMAD HASHID BEG

IT GRADUATE



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Anantnag, J&K

## Education

**Bachelor of Technology in IT** | NIT Srinagar | **CGPA: 8.53** **2022 - present**

- **Relevant Coursework:** Software Engineering, Object Oriented Programming (Python, C++, Java), Web Development, Database Management Systems (DBMS), Operating Systems, Computer Networks, Artificial Intelligence, Data Structures & Algorithms (DSA), Computer Architecture, Graph Theory, Discrete Maths, Computer Graphics, Theory of Computation

**Government Higher Secondary School, Anantnag** | Scored 90.6 % **Completed in 2021**

## Experience

**CDAC Noida, Ministry of Electronics and IT** **Jan 2025 – Feb 2025**  
Cybersecurity Intern **Onsite**

- Developed a network attack detection application using Scapy to analyze and identify common network security threats.
- Implemented packet inspection and filtering techniques to detect anomalous traffic patterns and alert about potential attacks.
- Integrated a GUI interface for visual analysis and logging of detected attacks, providing actionable insights.
- Enhanced the system's efficiency by employing flood detection algorithms based on timestamp tracking and dynamic threshold adjustments.

## Projects

**Portfolio Website | React, TailwindCSS**

- Developed a personal portfolio website featuring dynamic light/dark modes for a user-friendly experience.
- Utilized TailwindCSS for responsive design and efficient styling, ensuring optimal performance across devices.
- Designed an interactive background with animated stars and meteors for an engaging visual effect.
- Created key sections including About, Contact, Projects, Skills, and a main body to highlight expertise and showcase work.

**Task Manager | Java, AWT**

- Developed a task management application using Java AWT for building an intuitive graphical user interface and handling events.
- Implemented features for task creation, modification, and completion, allowing prioritization.
- Enabled user-friendly task management with a simple yet effective design, focusing on functionality and usability.
- Utilized Java Serialization to enable data storage and retrieval, ensuring task persistence across sessions.

**Heart Disease Prediction | Data Analysis, Machine Learning**

- Developed a machine learning model to predict the likelihood of heart disease based on patient data using regression techniques.
- Preprocessed and analyzed medical dataset to extract relevant features and clean the data for training the model.
- Evaluated model performance using standard metrics to ensure reliable predictions.
- Demonstrated a blend of data analysis and machine learning techniques for predictive health analytics.

## Technical Skills

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**Programming languages:** Python, C, C++, Java, Assembly

**Web Development:** HTML, CSS, JavaScript, React

**Operating Systems:** Windows, Linux (Ubuntu, Kali), xv6

**Data Science and ML:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-Learn, Tensorflow

**Soft skills:** Critical Thinking, Attention To Detail, Adaptability

**Tools and Tech:** VS Code, Github, Hadoop, Jupyter, MySQL, Canva, Web Scraping, Cybersecurity

## Awards And Honours

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- Secured 2nd Position in Techvaganza Coding Competition at my college.
- Secured gold medals in both International Math Olympiad (IMO) and International English Olympiad (IEO).