

SYED MOHAMMAD HUZAIF

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EDUCATION

University of Kashmir

Full-time Bachelor of Technology in Computer Science and Engineering

GPA: 8.41

Jammu and Kashmir, IN

Nov 2020 - Oct 2024

Sri Pratap Higher Secondary School

Degree in Senior Secondary

Percentage: 78.2%

Jammu and Kashmir, IN

Nov 2017 - Dec 2019

JK Public School

Degree in Secondary

Percentage: 82.6%

Jammu and Kashmir, IN

Completed - Oct 2017

SKILLS

Languages:	Python, C, Java, Javascript, HTML, CSS, PHP, Laravel, Shell scripting
Tools / Platforms:	Git, GitHub, Linux
Databases:	MySQL, SQLite, MongoDB

PROJECTS / OPEN-SOURCE

Automata Weaver | [Link](#)

JavaScript, HTML, CSS

- An open source online graphical simulator for Finite automata, Pushdown automata and Turing machines.
- Minimize DFAs, convert from NFA to DFA, or generate DFA/NFA from regular expressions

Physics Simulator | [Link](#)

Java

A 2D physics simulator in Java

Data Compression Tool | [Link](#)

C

A tool for compressing data files using Huffman coding and Lempel-Ziv-Welch algorithm.

nn-c | [Link](#)

C

A small neural networks builder made using C and raylib

Category Tree Renderer | [Link](#)

Python

A small program in Python that creates a random category tree and renders it using graphViz

Shopper E-commerce Website | [Link](#)

PHP, Laravel, SQLite

A mock e-commerce platform written in PHP using the Laravel framework and SQLite.

Snake Game | [Link](#)

Java

The classic snake game in Java with MongoDB connectivity for high-scores.

Minesweeper in python | [Link](#)

Python

Classic minesweeper game with a dark theme

Play with Spirographs | [Link](#)

JavaScript, HTML, CSS

A simple simulator for animating spirographs written in HTML, CSS and Javascript.

Conway's Game of Life | [Link](#)

JavaScript, HTML, CSS

A web-based simulator for Conway's game of life using HTML, CSS, and Javascript

Image filters visualizer | [Link](#)

JavaScript, HTML, CSS

A web app for visualizing how image filters work.