

# SYED MOHAMMAD HUZAIF

syedhuzaif199@gmail.com | +91 91497 28459 | +91 78894 26710

[github.com/syedhuzaif199](https://github.com/syedhuzaif199)

## EXPERIENCE

### Orchardly

Junior Backend Developer

Srinagar, Jammu and Kashmir, IN

1 Jan 2025 - Present

Spearheaded backend development for a scalable e-commerce platform using Laravel, designing and implementing RESTful APIs to support seamless integration with frontend systems and third-party services.

Collaborated with a senior developer to redesign the database schema, optimizing performance, scalability, and data integrity to accommodate complex agricultural product workflows and high transaction volumes.

Modernized application architecture by introducing Data Objects and Action Patterns, decoupling business logic from controllers and enhancing code maintainability, testability, and scalability.

### Yarikul Infotech

Software Development Intern

Srinagar, Jammu and Kashmir, IN

20 Nov 2024 - 31 Dec 2024

Developed an E-commerce platform using PHP, Laravel and SQLite

## 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

Senior Secondary

Percentage: 78.2%

Jammu and Kashmir, IN

Nov 2017 - Dec 2019

### JK Public School

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, AWS Elastic Beanstalk, AWS S3, Linux
Database Technologies:	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.