

SYED MOHAMMAD HUZAIF

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github.com/syedhuzaif199

EXPERIENCE

Orchardly

Junior Backend Developer

Srinagar, Jammu and Kashmir, IN

1 Jan 2025 - Present

Developing the backend 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 a small 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 tool and 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.

nn-c | [Link](#)

C

A small neural networks builder and visualizer made using C and raylib

Category Tree Renderer | [Link](#)

Python

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

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

JavaScript, HTML, CSS

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

Image filters visualizer | [Link](#) | [Website](#)

JavaScript, HTML, CSS

A web app for experimenting with image filters.

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.