

## Rishabh Singh Rajawat

Bhind, Madhya Pradesh, India

 rishabhsinghrajawat.dev@gmail.com |  [GitHub: Raiphus](#) |  [LinkedIn](#)

 [Live page](#)

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### Profile

Aspiring Backend Developer with hands-on experience in JavaScript, Node.js, Express.js, and MongoDB. Passionate about building scalable, efficient backend infrastructures and RESTful API solutions. Enthusiast of intelligent server systems and high-availability architectures. Eager to grow through real-world, project-based learning and continuous technical exploration.

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### Education

#### B.Tech in Mathematics and Computing

[Central University of Karnataka](#), Gulbarga — (Present)

#### Higher Secondary Education

[PM SHRI KENDRIYA VIDYALAYA BHIND](#), Madhya Pradesh — Completed March 2024

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### Skills

**Programming Languages:** JavaScript (ES6+)

**Frontend:** HTML5, CSS3 (Flexbox, Grid, Responsive Design), DOM Manipulation, Fetch API

**Backend:** Node.js, Express.js (REST APIs, Middleware)

**Databases:** MongoDB (Mongoose), SQL (Basic)

**Tools & Platforms:** Git, GitHub, VS Code, Postman, Insomnia, VirtualBox, Linux Terminal, npm/Yarn

**Deployment Platforms:** Vercel, Render, GitHub Pages

**Soft Skills:** Problem-Solving, Adaptability, Self-Motivation, Continuous Learning

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### Projects

#### ◆ Load-Balanced Server System (VM-based)

 [GitHub Repo](#)

- Built a scalable, resource-efficient backend system using VirtualBox and Ubuntu VMs.
- Designed to handle distributed traffic using load balancing with **HAProxy, Nginx, and Apache 2**.
- Focused on high availability, optimized resource use, and uninterrupted service delivery.
- Documented for educational use and replicable deployment.


#### ◆ PokéSeek – Pokémon Guessing Game

 [Frontend \(Vercel\)](#) |  [Backend \(Render\)](#) |  [GitHub Repo](#)

- Developed a full-stack guessing game using PokéAPI for data and game logic.
- Responsive frontend built with HTML, CSS, and vanilla JS.
- Backend using Node.js, Express.js, and MongoDB for storing scores and serving API routes.
- Integrated async fetch and dynamic UI updates for a seamless game experience.

#### ◆ Auth-User-Dashboard (*In Progress*)

 [GitHub Repo](#)

- Designed secure user authentication system with Node.js, Express, and MongoDB.
- Implemented JWT-based session handling, bcrypt password hashing, and route protection.
- Demonstrates solid understanding of real-world backend security practices.
- (*Polishing in progress*)
-  [auth-user-dashboard.onrender.com](https://auth-user-dashboard.onrender.com)

#### Languages

- **Hindi** (Native)
- **English** (Fluent)