

Rishabh Paliwal

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Education

VIT Bhopal University, Bhopal, Madhya Pradesh

2022-2026

Bachelor of Technology in Computer Science and Engineering

GPA:8.54/10

Relevant Coursework: Data Structures & Algorithms, Database Systems, Object-Oriented Programming

Technical Skills

Languages: C++, Python, Java, JavaScript (ES6+), TypeScript, SQL

Frontend & Backend : React.js, Tailwind CSS, Bootstrap, Node.js, Express.js, REST APIs, JWT Authentication

Databases & Cloud/Tools : MongoDB, AWS(S3,EC2), Git, GitHub, Postman

Projects

Astrologix: Astrology Consultation Platform – Mern Stack [\[Code\]](#) [\[Site\]](#) Aug 2025 – Sep2025

- Developed a full-stack consultation platform handling **100+ concurrent users**.
- Designed and optimized MongoDB schema with Mongoose for user profiles, appointment scheduling, and analytics, ensuring **low-latency queries**.
- Integrated third-party APIs (Daily.co, payment gateway) and deployed a production-ready system with automated monitoring, achieving **99.9% uptime**.

Expenso: Personal Expense Tracker – Node.js, Express [\[Code\]](#)

Mar2025 – Apr2025

- full-stack expense management system, boosting expense categorization accuracy by **40%** through intelligent algorithms.
- Implemented secure JWT-based authentication, role-based access control, and session management with **15+ protected API endpoints**.
- Optimized database queries and API response times, reducing data retrieval latency by **25%**.

Blogify: Blog Management Platform – MERN Stack, CRUD, Cloudinary [\[Code\]](#)

Jan 2024 – Mar2024

- Developed a full-stack blog management system using the MERN stack with a robust **role-based access control (RBAC)**.
 - Integrated Cloudinary, improving media performance and reducing load times by **60%**.
 - Designed modular RESTful APIs with Express.js and MongoDB for scalable CRUD operations across multi-user content workflows.
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Certifications

- MERN Full-Stack Development (SmartBridge)
- MongoDB Node.js Developer (MongoDB University)

April 2025

April 2025

Extracurricular

MharoRajasthan Club, VIT Bhopal – Design Lead & Head of Events

Feb 2023 – Dec 2024

- Managed 10+ large-scale events with 200+ attendees, leading an 8-member cross-functional team.
- Directed creative campaigns and promotions, boosting event turnout by 30%.

Languages – English (Professional Working Proficiency), Hindi (Native Speaker)