

# Aaryan Singh Rawat

+91 7987420451 | [aaryansinghrawat20044@gmail.com](mailto:aaryansinghrawat20044@gmail.com) | [www.linkedin.com/in/aaryansr](http://www.linkedin.com/in/aaryansr) | [github.com/aaryansrawat18](https://github.com/aaryansrawat18)

## EDUCATION

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### VIT BHOPAL UNIVERSITY

Bhopal, Madhya Pradesh

Bachelor of Technology in Computer Science and Engineering.

Sep 2026

Cumulative GPA: 8.75/10.0

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Computer Network .

## SKILLS

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**Technical Skills:** Java, MySQL, JavaScript, React, Tailwind CSS, MongoDB, Bootstrap, HTML, CSS, Node.js, Express, Git, AWS.

**Non-Technical Skills:** UI/UX Design (Figma), Microsoft Office Suite (Word, Excel, PowerPoint).

## WORK EXPERIENCE

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### ADAGEN TECH LAB

Faridabad, India

Full-Stack Developer Intern

- Engineered modern, responsive, and dynamic user interfaces using React, enhancing user experience, streamlining component integration, and improving real-time performance.
- Contributed to building chatbot interfaces and integrating generative AI features (LangChain, multi-agent models), improving document extraction, and automating Excel, bar graph, and PDF generation via OpenAI APIs.

## PROJECTS

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### Image-Based Authentication System | Full-Stack Project

- Designed a graphical four-image login system to strengthen security and reduce brute-force vulnerabilities.
- Secured sessions with **JWT** and safeguarded stored credentials using **bcrypt encryption**.
- Delivered a web solution with a React.js frontend, a Node.js/Express.js backend, MongoDB datastore, and RESTful APIs.
- Project link - <https://github.com/aaryansrawat18/A-Graphical-Password-Authentication-System>

### Doctor Appointment System with Health Risk Checker | Full-Stack Project

- Spearheaded a healthcare platform that modernized legacy scheduling and improved patient **appointment booking** efficiency.
- Orchestrated secure authentication and role-based dashboards for **admins, doctors, and patients**, enabling 24/7 scheduling, rescheduling, and access to consultation history.
- Built a disease prediction module and a responsive React.js + Tailwind CSS UI with a Node.js/Express.js backend.
- Project link - <https://github.com/aaryansrawat18/prescripto-full-stack>

### Blood Bank Management System | Full-Stack Project

- Developed an end-to-end MERN web application to coordinate blood donation workflows across different user roles.
- Protected sensitive user data with **JWT authentication** and **bcrypt encryption**.
- Engineered backend services with Node.js and Express using MVC, and modeled scalable data with MongoDB and Mongoose.
- Project link - [https://github.com/aaryansrawat18/rakta\\_SETU](https://github.com/aaryansrawat18/rakta_SETU)

## LEADERSHIP AND RESPONSIBILITIES

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### FINE ARTS CLUB - President

- Led a team of 90 members to organize 6+ events with 4000+ attendees, ensuring smooth execution.
- Directed 7 teams, mentoring members and driving collaboration to meet event goals on time.

### STUDENT COUNCIL - Editorial Team Lead

- Managed monthly magazine production, reaching 10k+ readers by leading writers and designers.
- Oversaw content planning and team coordination to deliver 10+ quality articles on time.

## ACHIEVEMENT

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- University finalist in Smart India Hackathon (SIH), selected from 200+ teams for innovative solutions.
- Ranked in the **Top 10 at the IIT Indore Ideathon** among nationwide participants, showcasing technical and innovative skills.
- Winner** of university-level UI/UX **Hackathon** (1st Prize) among 100+ teams.
- Awarded a **75% merit-based scholarship** worth ₹6 lakh for academic excellence at the university.