

# Palaksh Chaturvedi

8003387415 | [palaksh1509@gmail.com](mailto:palaksh1509@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## EDUCATION

### VIT Bhopal University

*B.Tech in Computer Science (Core) CGPA: 7.85*

Kothrikalan, MP

2022 – 2026

### St. Paul's Sr. Sec. School

*Class XII (CBSE) Percentage: 89.2%*

Kota, Rajasthan

2022

### St. Paul's Sr. Sec. School

*Class X (CBSE) Percentage: 91.6%*

Kota, Rajasthan

2020

## PROJECTS

### Interview Prep AI [GitHub] [Deployed]

Jun 2025

- Developed an AI-powered interview preparation platform using the **MERN** stack to generate tailored questions and evaluate responses.
- Integrated **Gemini API** for generating role-specific technical and behavioral questions.
- Implemented user authentication, role-based dashboards, and session persistence using **JWT** and **MongoDB**.
- Used by 100+ users with 1,000+ generated questions and **90%** session success rate.

### EmptyCup [GitHub] [Deployed]

May 2025

- Built a mobile only page of interior designer company to shortlist their favorite vendors for designing.
- Applied the Shortlisting functionality using **Javascript** to make it easy for the company.
- Deployed the page locally on **Docker** and publicly on **Render**.
- Achieved **70%** shortlist conversion rate and a page load time of less than **1.2 seconds** during UX testing.

### Prescripto [GitHub] [User Page] [Admin Page]

Nov 2024

- Built a full-stack doctor appointment system using **MERN Stack** allowing patients to book, reschedule, and cancel appointments.
- Designed separate portals for patients and doctors with secure authentication, real-time routing and **scheduling updates**.
- Established authentication with the help of **JWT**, managing sessions for 50+ users.
- Deployed frontend and admin dashboards on **Render** with efficient **RESTful API** integration.
- Managed **200+** appointments with **98%** session reliability and **2 second** scheduling latency.

### Snapgram [GitHub] [Deployed]

Jun 2024

- Created a responsive social media app using **React(Vite)** and **Tailwind CSS** with real-time feed, image uploads, and like/share features.
- Used **Appwrite** for authentication, storage, and database, enabling seamless user experience.
- Leveraged **Typescript** and modular architecture to ensure scalable and maintainable codebase.
- Processed **500+** uploads with less than **1 second** feed latency

## TECHNICAL SKILLS

**Languages:** C++, JavaScript, TypeScript, HTML, CSS, SQL.

**Databases:** MongoDB, Appwrite, MySQL.

**Frameworks and Libraries:** React(Vite), Express.js, Node.js, Shadcn, Tailwind.

**Developer Tools & Platforms:** GitHub, Docker, VS Code.

**Problem Solving:** Solved on LeetCode.

## EXTRA-CURRICULAR ACTIVITIES

- Led the college basketball team to first position in the Annual Sports Fest 'AdVITya 2023'.
- Conducted the Annual Sports Fest 'AdVITya 2025' being a member of the organizing committee .
- Led discovery interviews with 10+ founders to identify their key operational challenges.

## CERTIFICATIONS

**IBM Blockchain**

Issued by IBM [IBM]

**IBM Devops**

Issued by IBM [IBM]