Palaksh Chaturvedi

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EDUCATION

VIT Bhopal University	Kothrikalan, MP
B.Tech in Computer Science (Core) **CGPA:** *7.75*	*2022 – 2026*
St. Paul's Sr. Sec. School	Kota, Rajasthan
Class XII (CBSE) **Percentage:** *89.2%*	*2022*
St. Paul's Sr. Sec. School	Kota, Rajasthan
Class X (CBSE) **Percentage:** *91.6%*	*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++, Python, JavaScript, TypeScript, HTML, CSS, SQL.
Databases: MongoDB, Appwrite, MySQL.
Frameworks and Libraries: React(Vite), Express, Node.js, Shadcn, Tailwind.
Developer Tools & Platforms: Git, GitHub, AWS, Docker, VS Code, Stripe.

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]