

# Dev Arora

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## Education

**VIT Bhopal University, Madhya Pradesh**  
B.Tech in Computer Science  
Cumulative GPA: 8.48 / 10

Sept 2022-2026

## Skills

**Programming Languages:** C++ (Proficient), Python, JavaScript (ES6+), TypeScript  
**Web Development:** HTML5, CSS3, Tailwind CSS, Bootstrap, EJS, React.js, Node.js, Express.js, RESTful APIs  
**Tools & Platforms:** Git, GitHub, VS Code, Postman, PDFKit, Windows, Unix/Linux (basic scripting)  
**Databases & AI/ML:** MongoDB, MySQL, Scikit-learn, Pandas, Matplotlib  
**Core CS Subjects:** Computer Networks, Operating Systems, Object-Oriented Programming, Database Management System

## Projects

drAIpe | [Live](#) | [GitHub](#)

July 2025

- **Integrated the Gemini AI API** to power a chatbot that delivers **real-time, personalized outfit recommendations** based on user preferences, style trends, and live weather data.
- **Engineered seamless communication** between frontend and AI backend through **robust API endpoints**, enabling adaptive product suggestions and contextual interactions.
- Developed a **full-stack fashion e-commerce platform** using **React.js, Node.js, and MongoDB**, featuring **responsive UI**, secure login, wishlist, and smart cart functionality.
- **Technologies:** React.js, Node.js, Express.js, MongoDB, JavaScript (ES6+), HTML5, CSS3, Gemini AI API, Git, GitHub

AuctionHub | [GitHub](#)

June 2025

- Designed and engineered a **full-featured, real-time auction bidding platform** from concept to deployment, enabling users to **dynamically create listings** and engage in live competitive bidding.
- Architected a **responsive single-page application** with a **component-based React structure**, leveraging TypeScript to enforce type safety and significantly **reduce potential runtime errors**.
- Implemented a modern and **intuitive user interface** with **Tailwind CSS**, crafting a seamless and interactive bidding experience with **immediate visual feedback** for all user actions.
- Orchestrated the entire **development lifecycle** using **Vite** for optimized bundling and a rapid dev server, securing 3rd rank among 150+ participants for its **innovative functionality and robust execution**.
- **Technologies:** React.js, TypeScript, Tailwind CSS, HTML5, Vite, Git, GitHub

Finance and Expense Tracker | [GitHub](#)

Oct 2024 – Apr 2025

- Led a **3-person Agile team** to design and deploy a **full-stack finance tracker** with a microservices architecture, leveraging Node.js, Express.js, and MongoDB to handle **20+ concurrent users**.
- Redesigned **RESTful APIs** to optimize database queries and caching, improving backend **scalability by 30%** (measured via AWS Load Testing).
- Designed, developed, and **deployed a dynamic dashboard** using React.js, implementing real-time expense visualizations (interactive charts, spending trends) and **optimizing API calls** to slash user data retrieval time by **40%**.
- **Technologies:** Node.js, Express.js, MongoDB, React.js, JavaScript (ES6+), HTML5, CSS3, Git

## Achievements

**Internal Round Finalist, Smart India Hackathon 2023** | [Certificate](#)

- Competed among top teams in a national-level hackathon, showcasing problem-solving skills and innovative thinking in a high-pressure environment.

**3rd Place Winner, Ideathon – Health-o-Tech Club, VIT Bhopal**

- Secured a podium finish by presenting a cutting-edge healthcare solution, demonstrating creativity and technical proficiency in a competitive event.

**3rd Place Winner, Coding and Project Competition – BucketStudy, Unstop**

- Engineered, developed, and launched a dynamic auction bidding platform, outshining 150+ competitors to clinch 3rd place through innovative design, seamless functionality, and compelling presentation.