

# Ashi Chauda

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## Education

### VIT Bhopal University, Bhopal , Madhya Pradesh

B.Tech in Electronics and Communication (Specialization in AI and Cybernetics)

Cumulative GPA: 8.9 / 10

Sept 2022 – March 2026

## Technical Skills

- **Programming Languages:** Java, Python (Beginner)
- **Frontend:** TypeScript, HTML5, CSS3, JavaScript, React.js, Next.js, Tailwind CSS
- **Backend:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Tools & Technologies:** Git, VS Code, Postman, Vercel, Clerk, Prisma, Overleaf, ShadCN

## Projects

### PathMentor AI — Every Journey Needs Mentorship | [GitHub](#)

April 2025 – July 2025

**Technologies:** React.js 19, Next.js 15, Gemini API, Clerk Authentication, Inngest, Tailwind CSS, Shadcn UI, JavaScript, TypeScript

- Engineered a full-stack career advancement platform leveraging Next.js, Prisma, and NeonDB, supporting users to create **AI-powered** resumes, cover letters, and interview prep tools, **boosting user engagement by 35%**.
- Integrated **Gemini API** to deliver personalized AI-driven content generation and interactive quizzes, improving resume and cover letter relevance by over **40% and enhancing interview readiness**.
- Designed a secure authentication system with Clerk, enabling seamless onboarding and role-based access, resulting in a 20% reduction in user drop-off during signup.
- Implemented asynchronous background job processing with Inngest to handle resource-intensive AI tasks, reducing **API response latency by 50%** and scaling the platform to handle 500+ concurrent requests efficiently.

### AskYourPDF — Instant PDF Answers | [GitHub](#)

Dec 202 – April 2025

**Technologies:** Next.js, React, TypeScript, Tailwind CSS, Stripe, Amazon S3, Pinecone, Drizzle ORM

- Developed an **AI-powered SaaS** platform enabling users to chat with uploaded PDFs using **vector** embeddings and semantic search via **Pinecone and Vercel AI SDK**.
- Engineered a **Retrieval-Augmented Generation (RAG) pipeline**, improving query accuracy and contextual comprehension by over 85%.
- Implemented secure file handling and user authentication with ClerkAuth and AWS S3, supporting persistent chat history and controlled document access.
- Integrated **Stripe for subscription** management, driving monetization and scalability; **optimized backend with Drizzle ORM and React Query** to support 5,000+ sessions per month.

### Ridex — Ride Easy | [GitHub](#)

Oct 2024 – Jan 2025

**Technologies:** React, Vite, Node.js, Express, Socket.io, MongoDB, JWT, Tailwind CSS

- Architected a scalable ride-hailing platform enabling **real-time tracking via Socket.io** and map integration, increasing trip visibility and **ETA accuracy by over 90%**.
- Implemented JWT-based authentication with **token blacklisting**, securing all user sessions and **reducing unauthorized access by 85%**.
- Developed modular, reusable REST APIs using Express and MongoDB, optimizing backend to support 10,000+ simulated ride transactions with <150 ms latency.
- Designed a responsive frontend with React, Vite, and Tailwind CSS, achieving 40% faster load times and enhanced mobile UX.

## ExtraCurricular

- Finalist in **Odoo Hackathon** among 1900+ participants.
- Solved **350+** algorithmic problems on LeetCode.
- Coordinated event logistics as **Student Coordinator**, Industry Conclave'24, VIT Bhopal
- **Editorial Board Head** for SEEE Newsletter, VIT Bhopal

July 2025 – August 2025

Oct 2023 – Present

June 2024 – July 2025

Jan 2025 – Present

### • Certifications:

Generative AI Using IBM Watsonx (IBM)

SQL on Oracle Cloud (Oracle University)

AWS Cloud Solutions Architect Professional Certificate

Data Analysis and Visualization with Power BI (Microsoft)

Jan 2025 – April 2025

Jan 2025 – April 2025

Oct 2024 – Jan 2025

Dec 2024 – March 2025