Ashi Chauda

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Education

VIT Bhopal University, Madhya Pradesh

B.Tech in Electronics and Communication (Specialization in AI and Cybernetics) *Sept 2022 – Sept 2026*

Cumulative GPA: 8.9 / 10

Technical Skills

Programming Languages: Java, Python (Beginner)

Frontend: HTML5, CSS3, JavaScript, React.js, Next.js

Backend: Node.js, Express.js, RESTful APIs

Databases: MongoDB, MySQL

Data Analytics and Interpretation: MS Excel, Power BI , Data Modelling , Data Cleaning , DashBoard Visualization

Tools and Technologies: Git, VS Code, Postman, Vercel, Clerk, Prisma, overleaf

Projects

PathMentor AI — Every Journey Needs Mentorship │ [GitHub] *Jun 2025 – Present*

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

- Engineered PathMentor, a scalable career navigation platform using React.js, Node.js, and Next.js with server-side rendering to **optimize load times by 40%** and **improve SEO for higher user reach**.
- Developed **AI-powered** recommendation engine**s** using **Gemini API** to personalize learning paths and mentor suggestions, boosting user engagement and **reducing drop-off rates by up to 30%**.
- Designed and deployed secure **RESTful APIs with JWT-based authentication** and role-based access, enabling modular integration and paving the way for future mobile app development.
- Integrated **advanced analytics dashboards** and progress tracking, providing actionable insights that help users identify skill gaps and optimize learning efficiency, resulting in measurable career growth outcomes.

Ridex — Ride Easy │ [GitHub] *Feb 2025 – Apr 2025*

Technologies: Node.js, Express.js, MongoDB, JWT, Docker, Swagger, API Gateway, Third-party Geolocation APIs, JavaScript

- Developed a **microservices-based** ride-hailing backend using Node.js, Express, and MongoDB, supporting modular user, captain, and ride services, enabling scalable onboarding of new service components.
- Implemented secure **JWT-based authentication** and session management across `/users` and `/captains` services, enhancing data protection and preventing unauthorized access.
- Designed **RESTful APIs** for ride creation, fare calculation, **map-based geolocation**, and autocomplete using third-party APIs, **improving ride-matching speed by 25%** and enhancing user experience.
- Integrated API Gateway and shared utilities to streamline routing, validation, and configuration management, **reducing redundant code by 30%** and simplifying deployment pipelines.

Blinkit Market Insights Dashboard │ [GitHub] *Oct 2024 – Jan 2025*

Technologies: Power BI, Excel, SQL, Power Query, Data Modeling, Data Cleaning, Dashboard Visualization

- Designed and deployed interactive dashboards using Power BI, Tableau, and SQL, enabling leadership teams to monitor KPIs and make data-backed decisions, **improving reporting efficiency by 40%**.
- Applied data modeling and cleaning techniques using Power Query and SQL to transform raw sales, inventory, and customer datasets into structured, analysis-ready formats, **reducing manual processing time by 30%**.
- Built dynamic, real-time visualizations for business reporting, market trend analysis, and category-level insights, directly supporting inventory optimization and marketing strategy refinement.
- Leveraged **Power BI's DAX functions** and Tableau's advanced visualization features to deliver fast-loading, scalable dashboards capable of handling datasets with over 1 million rows.

ExtraCurricular

Finalist in **Odoo Hackathon** among 1900+ participants.	July '25 – Present
Solved 350+ problems on LeetCode and 100+ problems on GeeksforGeeks.	Sept '24 – Present
Served as **Content Team Lead**, FinTech Club, VIT Bhopal	July'23 – Feb'25
Led **HR initiatives as Team Lead**, CISCO Community, VIT Bhopal	Mar'24 – May'25
Coordinated event logistics as **Student Coordinator**, Industry Conclave'25, VIT Bhopal	July'24 – Aug'24
Editorial Board Head for SEEE Newsletter, VIT Bhopal	Jan '25 – Present