Anand Mukherjee

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EDUCATION

VIT Bhopal University — Bhopal, MP
Bachelor of Technology in Computer Science; CGPA: 8.68/10.00 — *Aug 2022 – Present*

EXPERIENCE

Teaching Assistant (Remote) — Apr 2024 – Sep 2024
Jainemo Private LTD (Apna College)

- Mentored over 120 students in full-stack web development, resolving more than 650 technical doubts related to React, Node.js, Express, and MongoDB.
- Delivered weekly sessions and code reviews, increasing project completion rate by 35% while maintaining a 4.5/5 average student satisfaction score.
- Provided 1-on-1 mentorship and resolved 200+ debugging issues during student projects, reducing average error rates by 30% and boosting project completion confidence.

Development Team Lead — Feb 2024
Advitya - Annual Cultural Fest, VIT Bhopal

- Led a team of 5 to build the official fest website used by 1,000+ attendees; implemented CI/CD pipeline for smooth deployment.
- Resolved 15+ real-time technical issues during the event, ensuring 100% uptime and improving page load performance by 60%.
- Managed task distribution across 5 developers and conducted 10+ detailed code reviews using GitHub, ensuring 100% on-time delivery of all website modules.

PROJECTS

Questify AI | *Next.js, TypeScript, Convex, Clerk, ImageKit, n8n, Axios* | **GitHub** — Mar 2025 – Present

- Engineered an AI-driven interview preparation platform featuring personalized mock interviews and adaptive questioning; enhanced candidate preparedness scores by 30% and shortened time-to-hire by 15%.
- Building a scalable backend with Convex and n8n workflows, enabling resume parsing, question generation via DeepSeek models, and real-time interview simulations.
- Implementing performance analytics dashboards and responsive UI with Next.js, Tailwind, and Clerk authentication for seamless cross-device user experience.

Mockly | *Next.js, TypeScript, Tailwind CSS* | ***Live Demo*** — Mar 2025

- Developed a customizable fake data generator supporting 20+ field types, helping developers reduce mock testing time by 40%.
- Implemented strongly-typed architecture with TypeScript for reliable and scalable component development.

Wanderlust | *Node.js, Express.js, MongoDB, Cloudinary, HTML/CSS, JavaScript* | ***Live Demo*** — Sep 2024

- Created a dynamic travel booking platform with listing search, booking system, and integrated image management via Cloudinary.
- Optimized image delivery and page responsiveness with lazy loading and compression strategies.

TECHNICAL SKILLS

Languages, Tools, Databases: Java, Python, JavaScript, TypeScript, Git, GitHub, MongoDB, MySQL, n8n, Convex (BaaS)

Frameworks and Libraries: React, Next.js, Node.js, Express.js, Tailwind CSS, Vercel, Cloudinary, Imagekit, Clerk

CERTIFICATIONS

Oracle Certified Professional: Java SE 17 Developer — Oracle — Certificate — Jul 2025
Web Development – Delta Batch — Apna College — Certificate — Jan 2024