Anand Yadav

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Education

National Institute of Technology, Agartala — 2021 - 2025
Bachelor of Technology in Computer Science — *CGPA: 8.94/10*

- **Course Work:** *Data Structures and Algorithm, Operating System, Software Engineering, Object Oriented Programming (OOPS), Database Management System (DBMS), Cloud Computing*

Skills

Programming Languages: JavaScript, TypeScript, C++, HTML5, CSS3
Frameworks & Libraries: React 18, Node.js, Express.js, Redux Toolkit, Zustand, Tailwind CSS
Technologies: AWS Serverless, API Design and Integration, Debugging, RESTful APIs, JSON, MongoDB
Developer Tools: Git, VS Code, Postman, Jira, Chrome DevTools
Software Development: Agile Development, Scrum, SDLC
Soft Skills: Leadership, Communication, Teamwork, Presenting, Technical Documentation

Work Experience

EPAM Systems, Hyderabad — January 2025 – June 2025
Junior Software Engineer Intern

- **Secured user authentication** and profile management using **AWS Cognito** and Node.js, protecting access for thousands of users.
- **Led backend migration** to a **microservices architecture** with **AWS Serverless**, improving **modularity**, **scalability**, and **fault isolation**.
- **Defined and enforced S3 bucket policies** to ensure **secure**, **restricted access** to confidential files.
- **Achieved 100% SEO and accessibility scores by optimizing frontend performance**, enhancing user experience.
- **Reduced perceived load time by ~30%** by optimizing resource fetching and **Largest Contentful Paint (LCP)**.
- **Worked with Scrum Master and Product Owner** to ensure **sprint priorities** aligned with **business objectives**.

Projects

DoctorReach | *Next.js, Node.js, Strapi, Kinde, Shadcn UI* — *Code*
- A doctor appointment booking application developed as part of the Medecro HealthHack 2024 hackathon.
- This platform enables patients to search and book doctors based on their medical issues.
- Used Next.js for frontend, Strapi as backend and Kinde for all authentication purposes.

YouTube Clone | *React, React-Player, Redux Toolkit, Loading-Skeleton* — *Code Live*
- A full-featured YouTube clone with search capabilities and a user-friendly interface.
- Integrated Rapid API to dynamically fetch and display video data, ensuring up-to-date content.
- Incorporated loading skeletons and error handling to enhance user experience during data fetching.

Devfolio | *React, Zustand, Material UI, Tailwind, React Scroll, EmailJS* — *Code Live*
- Created a professional portfolio website to showcase my projects, skills, and social profiles.
- Showcased my academic and professional journey in a clean, structured format.
- Integrated EmailJS to enable users to easily send direct messages through the contact form.
- Created a responsive interface for seamless browsing across devices.

Achievements

- **Finalist** in the **Medecro HealthHack 2024** conducted by **Medecro.ai**. *Certificate*
- **Ranked 108th out of 1.4 lakh participants** in CodeKaze 2024, organized by **Coding Ninjas**. *Certificate*
- **Finalist** in **TechGig's** Coding Competition **Code Gladiators 2023**.
- **Ranked in the top 2%** among 3,000 participants at Haldia Institute's Source-O-Code'23. *Certificate*
- **Solved 600+ DSA** problems across several platforms. *LeetCode Code360 GFG*