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 Algorithms, Operating System, Cloud Computing, Software Engineering, Object Oriented Programming (OOPS) and Database Management System (DBMS).

WORK EXPERIENCE

Junior Software Engineer Intern   Jan 2025 - Jun 2025
EPAM Systems, Hyderabad, India

- **Spearheaded backend migration** to a **microservices architecture** on **AWS Serverless**, enhancing scalability and **reducing fault isolation**.
- **Engineered user authentication** with **AWS Cognito and Node.js**, while **hardening cloud security** with **S3 policies** to safeguard critical user data.
- **Optimized frontend performance** for a **100% Google Lighthouse score** (SEO/accessibility) and a **30% reduction in perceived load time**.
- **Collaborated with Scrum teams** to align sprint priorities with business objectives, **accelerating feature delivery**.

PROJECTS

DoctorReach   GitHub

- **Developed a full-stack doctor appointment booking application** as a finalist project in the **Medecro HealthHack 2024 hackathon**.
- **Designed and implemented** a search and booking functionality that allows patients to filter and book doctors based on their specific medical issues.
- **Tech Stack:** Next.js, Node.js, Strapi, Kinde, Shadcn UI

DevFolio   GitHub   Live

- **Developed** a professional **portfolio website** to effectively showcase my academic and professional journey, projects, and skills.
- **Designed a user-centric contact form** by integrating **EmailJS**, enabling direct messaging and seamless communication with visitors.
- **Built an interactive AI chatbot** using the **Gemini API** to provide dynamic, real-time answers about my background and experience, demonstrating proficiency in modern AI integration.
- **Tech Stack:** React, Zustand, Material UI, Tailwind CSS, React Scroll, EmailJS, Gemini API

SKILLS

Programming Languages: JavaScript (ES6+), TypeScript, C++, HTML5, CSS3
Frameworks & Libraries: React 18, Node.js, Express.js, Redux Toolkit, Zustand, Tailwind CSS
Database: MongoDB
Cloud & APIs: AWS Serverless, RESTful APIs, API Design & Integration, JSON
Design: Basic UI/UX Principles, Responsive Design
Developer Tools: Git, VS Code, Postman, Jira, Chrome DevTools, Prompt Engineering
Methodologies: Agile Development, Scrum, Software Development Life Cycle (SDLC)
Soft Skills: Leadership, Communication, Teamwork, Technical Documentation, Presenting

ACHIEVEMENTS

- **Advanced to finals at the Medecro HealthHack 2024**, hosted by Medecro.ai.   View Certificate
- **Ranked 108th** out of **140,000+ participants** in the **Coding Ninjas CodeKaze 2024**.   View Certificate
- **Advanced to the final round in TechGig's Code Gladiators 2023** coding competition.
- **Placed in the top 2%** among 3,000 competitors at **Haldia Institute's Source-O-Code 2023**.   View Certificate
- **Solved over 500 DSA problems** across several platforms.   LeetCode   Code360   GFG

CERTIFICATIONS

- **Introduction to Large Language Models** | PMI   View Certificate
- **Frontend Developer (React)** | HackerRank   View Certificate