Anant Anand

Full Stack Developer

- Bengaluru
- 6350060906
- anantanand900@gmail.com
- Portfolio

Profiles

Anant
Linkedin

Anant
GitHub

Education

Birla Institute of Technology

Mesra, Ranchi
CGPA: 7.65/10

July 2018 — May 2023

Integrated M.Sc. in Mathematics and Computing

Skills

Frontend
Advanced

React.js, Next.js, Redux Toolkit, Tailwind CSS, Material UI, Responsive Web Design, TypeScript

Backend
Advanced

Node.js, Express.js, REST APIs, JWT Authentication, Multer, Python, FastAPI

Database

MongoDB, SQL (basic), MongoDB Atlas, Database Design & Optimization

AI

AI Chatbot Development, Generative AI integration, LangChain.js

Tools & Testing

Git/GitHub, Postman, Jest (Unit Testing), Deployment(Azure)

Certifications

Front-end Web Development

AlmaBetter Edutech Pvt. Ltd.

Almabetter Verified

Back-end Web Development

AlmaBetter Edutech Pvt. Ltd.

Almabetter Verified

Interests

UI/UX Design, Cricket, Fitness.

Languages

English

Hindi

Volunteering

NSS

Summary

Full Stack **(MERN) Developer** with expertise in **LLM integration using LangChain,** authentication, REST APIs, and cloud deployment (Azure, Vercel, etc.).

Experience

AlmaBetter Edutech private limited — September 2024 — Present

Full Stack Web Development Trainee — Remote

- Learning MERN stack (MongoDB, Express.js, React, Node.js) with hands-on projects.
- Architected 2+ responsive web applications using modern JavaScript frameworks, consuming 3+ REST APIs to display real-time data, and adhering to accessibility standards for optimal user experience.

AlmaBetter Edutech private limited — January 2023 – July 2023

Tech Research Intern — Remote

AlmaBetter Edutech private limited.

- Engineered and deployed a **React and Tailwind CSS** frontend for an AI chatbot integrated with the Gemini API, resulting in 95%+ query handling accuracy for AlmaBetter-specific questions.
- Orchestrated the optimization of **Retrieval-Augmented Generation (RAG) for the Gemini API,** improving relevant response rate by 30% and achieving individual completion of 10+ unit tests per sprint.

  Tags:React.js, Tailwind CSS, JavaScript, Gemini API

Indian Institute of Technology Kharagpur — September 2019 – November 2019

Kharagpur

Department of Aerospace Engineering project.

- Simulated numerical methods within FEA software, simulating over 110 structural behavior events under diverse load scenarios, and improved analysis accuracy by 20%, a direct replacement.
- Spearheaded the automation of **FEA** results reporting by designing an interactive web interface**, achieving a 40%** reduction in manual post-processing effort, freeing up engineering time.

  Tags:React.js, JavaScript, Finite Element Analysis (FEA), FEM

Projects

Device Control & Telemetry System — November 2025 — December 2025

AlmaBetter Edutech private limited Verified Project.

- **Transformed** device management through a real-time telemetry system with **Python and React,** reducing device downtime by 18% by enabling remote reboot and configuration on a simulated telecom node.

React, FastAPI, Python, WebSockets

TaskBot — AI-Powered PDF Chatbot — October 2025 — November 2025

AlmaBetter Edutech private limited Verified Project.

- Pioneered an **AI-driven PDF chatbot** using **LangChain.js, Cohere AI, and Groq,** achieving **95% accurate context retrieval** through **RAG-based semantic search.**
- Built a **full-stack MERN infrastructure** handling **2+ PDF documents** with **30% faster query response time** via optimized embeddings and vector search pipelines.

React.js, Node.js, Express.js, LangChain.js, Cohere AI, Groq API, Multer

WebSmith - Full-Stack AI Website Builder — September 2025 — October 2025

AlmaBetter Edutech private limited Verified Project.

- **Designed an AI-powered website builder** using the Gemini API that auto-generates website content and layouts, improving build speed and content quality by 40%.

React19, Node.js18+, Express.js5.2.1, MongoDBAtlas, GoogleGenAI

Real-Time-analytics-Dashboard — August 2025 — September 2025

AlmaBetter Edutech private limited Verified Project.

- A high-performance analytics dashboard using **Next.js 14,** reducing initial load time by **45%** through **server-side rendering** and optimized data streaming techniques using Server Side Events.
- Refactored data streaming implementation with **server-side events,** leading to a streamlined architecture that handled a 2x increase in user traffic without performance degradation.

Next.js 15, TypeScript, Tailwind CSS, Recharts.

E-Commerce Platform(Flipkart clone) — July 2025 — August 2025

AlmaBetter Edutech private limited Verified Project.

- Developed a **fully responsive e-commerce platform** using **React, Redux, and Node.js,** improving mobile usability and increasing average session duration by **25%.**
- Built and secured **RESTful APIs with Node.js, Express, and MongoDB,** implementing **JWT-based authentication and authorization** to ensure protected routes and reliable data handling.

React.js, Redux Toolkit, Tailwind CSS, Responsive Design, Node.js, Express.js, RESTful APIs, MongoDB, JWT Authentication, Secure Cookies, Authorization