

Anand Mohan Jha

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Professional Summary

Full Stack Developer and Software Engineer with hands-on experience building cloud-native, production-grade web applications through internships and hackathons. Proficient in React, Next.js, Node.js, MongoDB, and AWS. Strong in REST API development, CI/CD and System design. Solved 500+ Data Structures and Algorithms problems on LeetCode and GeeksforGeeks (GFG Score: 1102). Experienced in Agile workflows, Git-based version control, and DevOps automation.

Skills

Languages: JavaScript, TypeScript, Java, SQL **Frameworks:** React.js, Next.js, Node.js, Express.js, Three.js, GSAP
Databases: MongoDB, SQL **DevOps/Cloud:** AWS, Docker, Jenkins, Kubernetes, Ansible, Cloudflare **Tools:** Git, GitHub, HTML5, CSS3, Tailwind CSS, Bootstrap, OpenAI API, Razorpay API **CS Concepts:** Data Structures Algorithms, System Design, Operating Systems, Computer Networks, DBMS

Education

Bhagwan Parshuram Institute of Technology B.tech in Artificial Intelligence and Data Science	2022 - Present
D. A. V. Public School, Jasola Vihar, New Delhi Class XII – CBSE Board – Percentage: 96% Class X – CBSE Board – Percentage: 90%	2020 - 2021 2018 - 2019

Work Experience

Gatoes, Chandigarh <i>Software Development Intern</i>	Aug 2024 - Apr 2025 Tech Stack: Next.js, Node.js, Tailwind CSS, OpenAI API, AWS
<ul style="list-style-type: none">Designed and developed the full-stack architecture for Ziddle, a travel itinerary platform that supported over 10,000 user sessions/month.Integrated server-side rendering (SSR) in Next.js, improving page load speed by 40% and boosting SEO ranking on key landing pages.Deployed a secure, scalable app on AWS and Cloudflare, ensuring 99.9% uptime and reducing latency by 30%.	
StudyFliss, New Delhi <i>Full Stack Developer</i>	Jan 2024 - Jul 2024 Tech Stack: NextJS, ReactJS, NodeJS, Git & GitHub.
<ul style="list-style-type: none">Created StudyFliss, a comprehensive platform tailored for IPU students, achieving a user base of over 1,000 active students within three months of launch.Implemented and integrated essential features such as study material sharing, in-depth exam analysis, and an interactive ChatBot, improving student satisfaction and platform retention by 25%.	

Project Work

Integrated Management System: Next.js, Node.js, Express.js, MongoDB, AWS, Cloudinary

- Architected and deployed a centralized HR system for the **Chief Education Office, Doda, J&K**, managing over **1,500+ employee records** across 100+ schools.
- Digitized workflows for attendance, transfers, leave, and payroll — reducing manual effort by **80%**, improving processing speed by **60%**, and achieving **99.9% uptime** through AWS deployment.
- Designed and delivered **role-based access control (RBAC)** with real-time dashboards for secure, actionable insights using **Node.js, Express, and MongoDB**.

IADR-APR 2025 Conference Website: Next.js, Tailwind CSS, Razorpay API, MongoDB, AWS

- Created a scalable event portal for the **IADR-APR 2025 International Dental Conference**, managing over **500+ registrations**.
- Built and connected a secure payment workflow using **Razorpay API**, and an admin dashboard for transaction tracking, PDF reporting, and participant management.
- Enabled real-time data logging and automated confirmations, improving payment success by **30%** and reducing manual workload.

Achievements and Volunteer Experience

- 1st position in Hackathon:** Won the BVCOE college hackathon, BVP-Hex, securing 1st place and a prize of Rs31,000.
- Full Stack mentor – NameSpace Society:** Held webinars, introduced and taught students about Web Dev and Cloud.