

Anand Mohan Jha

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🌐 [Portfolio](#) | [GitHub](#) | [LinkedIn](#)

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

Work Experience

Gatoes, Chandigarh Aug 2024 - Apr 2025
Software Development Intern **Tech Stack:** Next.js, Node.js, Tailwind CSS, OpenAI API, AWS
• Designed and developed the full-stack architecture for **Ziddle**, a travel itinerary platform that supported over **10,000 user sessions/month**.
• Built a dynamic backend logic to generate optimized, multi-day itineraries tailored to user preferences using **custom algorithms** and integrated multiple **Open APIs** (e.g., location, weather, travel) to enrich results with real-time data.
• Implemented **SSR** with Next.js and deployed on a scalable, secure infrastructure using **AWS and Cloudflare**, delivering personalized content with **40% faster load speeds**, improved SEO, **99.9% uptime**, and **30% lower latency**.

StudyFliss, New Delhi Jan 2024 - Jul 2024
Full Stack Developer **Tech Stack:** NextJS, ReactJS, NodeJS, Git & GitHub.
• 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 **IADR-APR 2025 International Conference**, handling 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.
• Improved payment success by **30%** through real-time logging and automated confirmations.

Stampick: Next.js, Node.js, Cloudflare, AWS, MongoDB, Three.js
• Engineered **Stampick**, a full-stack prototype of a digital philately marketplace enabling collectors to buy, sell, and showcase stamps with real-time auctions.
• Architec **VR 3D virtual exhibitions** and **AI-powered stamp recognition** for instant verification and valuation using Next.js, Node.js, Three.js, and Framer Motion.

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.
- Solved **500+ DSA problems** on LeetCode and GeeksforGeeks (**GFG Score: 1102**).