

ARYAN YADAV

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CAREER OBJECTIVE

Aspiring Full Stack + Generative AI Engineer and B.Tech (CSE) student at BBD University (2022–2026), with strong expertise in React.js, Node.js, Express.js, MongoDB, and Gemini AI. Skilled in building responsive, scalable, AI-integrated web applications — from secure JWT authentication to real-time AI pipelines. Seeking opportunities to apply full-stack and GenAI capabilities to build impactful, production-ready software.

EDUCATION

B.Tech – Computer Science & Engineering BBD University, Lucknow	2022–2026	CGPA: 7.1 / 10
Intermediate (PCM) City Convent School, ICSE Board		2021–2022
High School (Science Stream) City Convent School, ICSE Board		2019–2020

TECHNICAL SKILLS

Languages: Java, C, JavaScript, SQL, HTML, CSS, OOPs

Frameworks & Libraries: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap

Databases & Tools: MongoDB, MySQL, Git, GitHub, Firebase, Excel

AI & Cloud: Gemini API, Puppeteer, JWT Authentication, GenAI Pipelines, EDA

SOFT SKILLS

Communication · Teamwork · Leadership · Problem Solving · Project Management · Analytical Thinking · Attention to Detail

EXPERIENCE / TRAINING

MERN Stack Training Intern

Learnovate Training Agency, Lucknow · Apr 2025

- Completed intensive hands-on training in MERN Stack (MongoDB, Express.js, React.js, Node.js) with focus on building scalable REST APIs and dynamic frontend interfaces.
- Designed, built, and deployed full-stack web applications integrating frontend and backend with real-time data flow and database management.
- Strengthened collaboration and project management skills through structured team-based development sessions and code reviews.

PROJECTS

GenAI-Powered Job Preparation SaaS Platform | Live: [interview-ai-nine-mu.vercel.app](#)

React.js · Node.js · Express.js · MongoDB · JWT · Gemini API · Puppeteer

- Built a production-ready, full-stack Generative AI SaaS application offering end-to-end job interview preparation with AI-driven insights and personalized feedback.
- Integrated Google Gemini AI for intelligent resume parsing, skill extraction, skill gap detection, and dynamic AI-generated interview question sets tailored to job roles.
- Engineered ATS-optimized resume generation pipeline using Puppeteer — converting AI-structured content into polished, downloadable PDF reports programmatically.
- Implemented secure multi-layer authentication using JWT Token Blacklisting for robust session management, logout security, and protected route handling.
- Architected a 4-layer React.js frontend with Axios service layer, custom hooks, and Context API for scalable global state management.
- Developed complete backend REST API with MongoDB Atlas, Multer file upload handling, Zod schema validation, and structured interview report storage.

Full-Stack Cloud Drive Clone

React.js · Node.js · Express.js · MongoDB · Firebase · Tailwind CSS

- Developed a fully functional, production-grade web application replicating Google Drive core features including file upload, cloud storage, folder management, and real-time sync.
- Implemented secure user authentication, role-based file sharing, and protected cloud storage using Firebase Authentication and MongoDB for metadata management.
- Designed a fully responsive, mobile-first UI using React.js and Tailwind CSS ensuring seamless cross-device user experience with optimized performance.

Personal Portfolio Website (Vibe Coded) | Live: [aryan-portfolio-bay-two.vercel.app](#)

Next.js · TypeScript · GSAP · Tailwind CSS · Claude AI API

- Vibe coded a production-ready portfolio using Next.js 15 App Router with SSR, full SEO metadata, Open Graph tags, and TypeScript.
- Engineered GSAP animations — clip-path preloader, split-text reveals, pinned horizontal scroll, and 4-layer mouse parallax on hero section.
- Integrated Claude AI chatbot via secure server-side API route with live GitHub stats API and animated contribution heatmap.

CERTIFICATIONS

Tata Group Data Analytics Job Simulation — Forage | August 2025

- Completed an AI-powered data analytics and business strategy simulation for the Financial Services team at Tata iQ, working on real-world datasets and decision frameworks.
- Performed exploratory data analysis (EDA) using GenAI tools to evaluate data quality, surface risk indicators, and structure insights for downstream predictive modeling workflows.
- Proposed and validated a no-code predictive modeling framework to quantify customer delinquency risk using structured GenAI-driven model logic and evaluation criteria.
- Designed a scalable AI-driven collections strategy incorporating agentic AI, automation pipelines, ethical AI principles, and regulatory compliance frameworks.