

AMAN NAKOTI

Full Stack Developer (MERN)

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PROFESSIONAL SUMMARY

Motivated and detail-oriented Full Stack Developer specialising in the MERN stack, with proven experience designing, developing, and shipping production-grade web applications. Proficient in React.js, Next.js, Node.js, Express.js, and MongoDB, with working knowledge of JavaScript, REST API design, JWT authentication, and modern deployment pipelines. Delivered three live, end-to-end projects — an AI-powered SaaS resume platform, a production tourism booking site, and a high-performance developer portfolio — demonstrating the ability to own a feature from conception to deployment. Has also upskilled in Generative AI and completed an industry job simulation with Electronic Arts. Maintains a strong academic record (8.3 CGPA) while actively building real-world engineering experience. Eager to join a collaborative team where I can contribute immediately, grow under mentorship, and help ship products that matter.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+), TypeScript (basic), HTML5, CSS3, C++, Python

Frontend Technologies: React.js, Next.js, Tailwind CSS, Framer Motion, React Router DOM, Responsive & Mobile-First Design

Backend Technologies: Node.js, Express.js, NestJS, REST API Design, JWT Authentication, MVC Architecture

Database: MongoDB, Mongoose ODM, Schema Design, CRUD Operations

AI & Third-party APIs: OpenAI API (GPT-4), Generative AI Concepts, EmailJS, External API Integration

Dev Tools & Platforms: Git, GitHub, VS Code, Postman, Figma, Vercel, Netlify

Core Concepts: Server-Side Rendering (SSR), Static Site Generation (SSG), Component Architecture, Web Performance Optimisation, SEO, ATS Optimisation, Core Web Vitals (LCP, CLS, FID)

PROJECTS

AI Resume Enhancer — Full-Stack AI SaaS Platform

Live · Dec 2025

Next.js · Node.js · Express.js · MongoDB · OpenAI API · Tailwind CSS

An end-to-end AI-powered platform that helps job seekers optimise their resumes for Applicant Tracking Systems (ATS). Users upload a resume; the system scores it, identifies skill gaps, and auto-generates a tailored, keyword-rich rewrite using GPT-4.

- Architected and built the full stack independently — from database schema and REST API design to UI/UX and deployment on Vercel.
- Designed modular Express.js routes for resume ingestion, AI response streaming, ATS scoring logic, and LaTeX template generation.
- Validated the end-to-end pipeline across 100+ test documents, reducing manual resume editing time to under 2 minutes per document.
- Implemented Overleaf-compatible LaTeX export so users receive a print-ready, recruiter-friendly PDF as output.
- Managed async OpenAI API calls with error handling and graceful fallbacks to ensure a consistent user experience.

Go Rafts — Adventure Tourism Booking Platform

Live · Jun 2024

React.js · Node.js · Tailwind CSS · Framer Motion · React Router DOM · EmailJS

A production-deployed tourism website for a white-water rafting business in Rishikesh, built to handle real customer traffic with booking enquiries, package listings, and contact management.

- Developed 20+ reusable React components following a strict component-architecture pattern; fully responsive across mobile, tablet, and desktop.
- Implemented client-side routing with React Router DOM, eliminating full-page reloads and delivering smooth SPA navigation.
- Integrated EmailJS to handle booking and contact forms without a dedicated backend server, reducing infrastructure complexity and deployment cost.

- Applied Framer Motion animations on page transitions, hero banners, and scroll triggers — improving perceived performance and well time.

Personal Developer Portfolio

Live · Jan 2024

Next.js · React.js · Tailwind CSS · Framer Motion

A high-performance developer portfolio built with Next.js to showcase projects, skills, and experience — optimised for both recruiter visibility and Google Lighthouse scores.

- Lifted Lighthouse performance score from 70 to 93 through SSR, structured metadata, and aggressive Core Web Vitals tuning.
- Built 15 reusable React components using a mobile-first Tailwind approach, ensuring pixel-perfect consistency across all screen sizes.
- Optimised LCP, CLS, and FID via image lazy-loading, font subsetting, and component-level code splitting.

CERTIFICATIONS & VIRTUAL EXPERIENCE

Introduction to Generative AI

Google Cloud (powered) | Simplilearn SkillUp | Issued: 19 August 2025

Completed an online course covering the fundamentals of Generative AI — including large language models, prompt engineering, and real-world AI applications — powered by Google Cloud and delivered via the Simplilearn SkillUp platform.

Software Engineering Job Simulation — Electronic Arts (EA)

Forage | Issued: September 2025

Completed industry-style engineering tasks: writing a feature proposal, creating a Game Object Class in an object-oriented codebase, improving an inventory system, and performing a live bugfix on a production-style codebase — simulating a real software engineering workflow at EA.

EDUCATION

Bachelor of Technology (B.Tech.) — Computer Science & Engineering

Aug 2023 – Present (3rd Year)

Uttaranchal University, Dehradun, India

- Current CGPA: 8.3 / 10
- Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Operating Systems, Software Engineering

Senior Secondary Certificate (Class XII) — CBSE

Passed: March 2022

S B M Public School, Rishikesh, Dehradun, Uttarakhand

- Aggregate: 86.4%
- Subjects: English Core, Mathematics, Physics, Chemistry, Physical Education

Secondary School Certificate (Class X) — CBSE

Passed: March 2020

S B M Public School, Rishikesh, Dehradun, Uttarakhand

- Aggregate: 82.4%
- Subjects: English Language & Literature, Hindi Course-A, Mathematics, Science, Social Science

LANGUAGES

English — Professional Working Proficiency | **Hindi** — Native / Full Professional Proficiency