Alok kumar kasyap

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PROFILE SUMMARY

Frontend Developer specializing in building scalable, responsive, and high-performance web applications using React.js, Tailwind CSS, and Vite. Experienced in component-driven architectures, API integrations, and rendering optimization. Delivered production-grade UI features that improved page load times, reduced re-renders, and enhanced user engagement. Seeking a React-focused role to build performant interfaces and user-centric digital experiences.

EDUCATION

Mangalmay Institute of Engineering and Technology Greater noida   2020 – 2024
Btech Computer science and engineering
- GPA: 7.01

EXPERIENCE

Elegans solution   09/2024 – 10/2025
Founding Engineer
- Contributed to UI workflows and React-based frontend integration for Eva Lite, a production-ready AI assistant
- Built and optimized interfaces interacting with FastAPI services and async workflows
- Improved component architecture and frontend performance through optimized data flows
- Mentored engineers on frontend architecture, improving team delivery velocity by 25%

Postulate Info Tech   06/2023 – 07/2023
Full Stack Developer Intern
- Developed fully fledged web application using Pug, CSS for front-end. Node.js, Express.js for backend and MongoDB as Database technologies.
- Developed real-time API and integrated it to the frontend for dynamic data rendering.
- Delivered production-ready features in a 4-week sprint, improving shipping cycle efficiency

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SKILLS

HTML | CSS | Javascript(ES6+) | React js | TypeScript | Tailwind CSS | Node js | FastAPI |
Axios | React Query | Redux | CI/CD Basics | Context API | Linux | Git/GitHub | Docker |
PostgreSQL/Redis | PyTorch(VLLM/LORA) | WebSocket

PROJECTS

Picsum Explorer — React, Vite, Tailwind CSS ✐
A responsive image gallery with immersive UI and performance-focused media rendering.
Key features:
Infinite Scroll, Masonry Layout, Blur-Up Image Loading, Ambient Focus Mode, Auto-Sliding Carousel,
Keyboard Shortcuts, Lazy Loading, Intersection Observer

Ecommerce website using mern stack ✐
- Developed Express server for handling backend functionality
- Managed database for efficient data storage and retrieval
- Implemented product and order management functionality
- Designed user interface components for seamless user experience
- Integrated payment system for secure and convenient transactions

Notes App — React + Tailwind CSS ✐
Modern notes workspace with theme engine, tag-based filters, and offline persistence.
Features: Dynamic themes, multi-tag filtering, media attachment, keyboard shortcuts, LocalStorage
persistence

Book Finder — React + Open Library API ✐
Search and discovery app supporting offline caching and resilient UX.
Features: Multi-mode search, skeleton loaders, debounced queries, edition drawer, favorites with
LocalStorage

Eva Lite - Al Voice & Chat Assistant ✐
- Built a production-ready Telegram Al assistant using FastAPI, async Python, Redis, and ChromaDB
  delivering webhook handling, health endpoints, and rate-limited user workflows.
- Integrated reasoning-driven response generation across local VLLM (LLAMA-3 8B), LoRA adapters, and
  OpenAI fallbacks, with XTTS voice output, cost guardrails, and structured logging.
- Containerized microservices (FastAPI, VLLM, Redis, ChromaDB, XTTS, Caddy) with Docker Compose for
  GPU-aware deployments; scripted dev/prod automation via Bash & PowerShell.
- Implemented Al optimization service for quantization, pruning, and distillation workflows; added
  performance telemetry and Prometheus-ready metrics hooks.
- Authored tooling for developer experience: automated startup, GPU provisioning, environment
  validation, and log/alert systems (Sentry + rotation).

CERTIFICATION

- Web Development
  Fundamental
- AWS Academy Cloud
  Foundations
- AWS Academy Graduate - AWS
  Academy Cloud Architecting