AMAN KUMAR GUPTA

Bhilwara, Rajasthan

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Technical Skills

Languages: Python, JavaScript, Typescript
Frontend: HTML5, CSS3, Tailwind CSS, ReactJS, NextJS, Redux Toolkit, RTK Query, Zustand
Backend: NodeJS, ExpressJS, tRPC, Redis, Queues
Database & ORMs: MongoDB, Postgresql, Prisma, Drizzle
DevOps & Tools: Git, GitHub, Postman, Docker, Turborepo

Experience

ROS   **Nov 2024 – May 2025**
Backend Intern   *Jaipur, Rajasthan*
- Building a scalable, full-stack grocery platform enabling customers to purchase online and vendors to manage and accept orders via a dedicated platform.
- Developing vendor onboarding and analytics dashboards to facilitate seamless integration and performance tracking.
- Integrated Twilio for SMS verification and user authentication, enhancing security and streamlining login and account recovery processes.

Projects

SecureAuth | *React, Redux Toolkit, RTK Query, Shadcn UI, Node.js, Express, Prisma, Postgres, JWT* | Live | Github
- Built a secure full-stack authentication system supporting registration, login, email verification, and password resets with OTP, using JWT-based token flow and refresh-token handling with RTK Query.
- Utilized React + Redux Toolkit for state management and modular slice design, with RTK Query for declarative API caching and automatic invalidation.
- Integrated Cloudinary for media uploads with multer, and applied schema validation using Zod alongside custom error handling and logging.
- Designed responsive UI with Shadcn UI and Tailwind CSS, including animated toasts, modals, and reusable form components with real-time validation feedback.

Crackly | *React, Express.js, Drizzle, Gemini AI, Postgres* | Live | Github
- Developed an AI-driven interview preparation platform offering personalized question sets and dynamic concept explanations based on user roles and experience.
- Integrated Gemini API for real-time question generation and concept breakdowns, enhancing user learning outcomes.
- Used Zod for schema validation and Winston for structured logging, ensuring reliable data handling.
- Implemented Cloudinary for file uploads and optimized forms with real-time validation for a smooth user experience.

UIgnite | *Redux, Radix UI Framer Motion, Lerna, Algolia* | *Live* | Github
- Designed and developed a modern, reusable React component library using Radix UI and Framer Motion.
- Created a custom docs with Algolia search.
- Architected as a monorepo using Lerna and Yarn Workspaces, enabling modular development and isolated builds.
- Integrated Shadcn registry (v0) for streamlined component distribution and ecosystem compatibility.

Education

Vivekananda Global University   **Sep. 2021 – June 2025**
Bachelor of Science in Computer Science(CGPA - 8.17)   *Jaipur, Rajasthan*

Certifications

AWS Certified Solutions Architect - Associate
June 2024   *Credential ID: 1c826160d2a149da99362376f1c7ab36*
- Demonstrates expertise in designing, deploying, and managing scalable, secure, and efficient cloud-based systems on AWS.
- Proficient in selecting appropriate AWS services based on computing, data, or security requirements and cost optimization.
- Skilled in leveraging AWS best practices for high availability, fault tolerance, and disaster recovery for cloud architectures.