RAUNAK KUMAR

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Projects

CashClarity   [Live Link](#) | [GitHub](#)
- Built full-stack **AI-powered finance app** with smart transaction categorization, interactive dashboards, and real-time analytics for comprehensive financial management.
- Integrated **Google Gemini AI** for automated receipt scanning and transaction processing, reducing manual data entry by 80% with intelligent expense categorization.
- Implemented **automated background jobs** using Inngest for budget alerts, financial insights, and proactive user notifications.
- Tech Stack: **Next.js 14, TypeScript, Google Gemini AI, Stripe, PostgreSQL, Prisma, Tailwind CSS, Shadcn/ui, Inngest, Vercel**.

PicHub   [Live Link](#) | [GitHub](#)
- Developed full-stack **AI-powered image generation platform** using Google Gemini AI for text-to-image creation with secure user authentication and responsive gallery management.
- Integrated **ImageKit optimization** for efficient image storage and delivery, achieving 70% faster loading times and implementing real-time feedback for seamless user experience.
- Built scalable **RESTful API backend** with MongoDB and Express.js to handle image generation requests, user management, and cross-platform compatibility.
- Technologies: **React, Node.js, Express.js, MongoDB, Google Gemini AI, ImageKit, Clerk Authentication, Tailwind CSS, Vite**.

Connectify   [Live Link](#) | [GitHub](#)
- Built full-stack **real-time communication platform** with instant messaging, video calling, and screen sharing using Stream.io APIs for seamless user interactions.
- Implemented **secure JWT authentication** and real-time notifications with typing indicators, emoji reactions, and 32 customizable UI themes for enhanced user experience.
- Developed scalable **real-time messaging architecture** using Stream.io APIs for group video calls, comprehensive error handling, and responsive design across all devices.
- Technologies: **React, Node.js, Express.js, MongoDB, Stream.io, JWT, TailwindCSS, TanStack Query, React Redux, Vite**.

VidHub   [Live Link](#) | [GitHub](#)
- Developed **online video streaming application** that enables users to search for and play videos seamlessly.
- Integrated **Google Cloud YouTube API** to fetch and display real-time video data.
- Employed **Tailwind CSS** for efficient and customizable styling, achieving modern and polished user interface.
- Technologies: **React, JavaScript, YouTube API, Tailwind CSS, Git, GitHub**.

Technical Skills

Languages: JavaScript, TypeScript, C++, C, Java
Frontend: React, Next.js, HTML5, CSS3, Tailwind CSS
Backend: Node.js, Express.js, RESTful APIs, JWT Authentication
Databases: MongoDB, PostgreSQL, MySQL, Prisma ORM
Cloud & Services: Vercel, Netlify, Google APIs, Stripe, Clerk
AI Integration: Google Gemini AI, OpenAI APIs
Tools & Technologies: Git, GitHub, Postman, VS Code, MongoDB Compass

Education

KK College of Engineering and Management   Sep 2019 – July 2023
Bachelor of Technology in Computer Science   *CGPA: 8.7*

Certifications

- **Java** from **HackerRank** - *Link*
- **SQL** from **HackerRank** - *Link*
- **Web Development** from **Internshala** - *Link*