RUPAK KUMAR

Linkedin: https://www.linkedin.com/in/rupak1005
Github: https://www.github.com/rupak1005
Portfolio: https://rupak-s.netlify.app/

Email: rupak1005saini@gmail.com
Mobile: +91-9027415650

SKILLS

- **Languages:** C++, Java, Python, JavaScript, TypeScript, Bash
- **Frontend:** HTML, CSS, React.js, Tailwind CSS, Material UI, GSAP
- **Backend:** Node.js, Express.js, REST APIs, JWT Authentication, Clerk Auth
- **Databases:** MongoDB, MySQL, PostgreSQL
- **Tools/Platforms**: Git, GitHub, Render, Vercel
- **Skills**: DSA, Linux (Arch Linux, Hyprland, Ubuntu), Shell Scripting

TRAINING

- **Coding Spoon – DSA Bootcamp** — Nov 2023-Dec 2023
  - Completed an intensive program focused on problem-solving with Data Structures and Algorithms.
  - Gained hands-on experience with competitive programming techniques and algorithmic problem-solving.
  - Worked on optimizing solutions for real-world coding challenges.

PROJECTS

- **Syncify – Real-Time Audio Room Web App**: — June 2025-July 2025
  - **Tech Stack:** React, Node.js, MongoDB, Socket.io, Clerk, Zustand.
  - Developed a full-stack music application featuring real-time audio synchronization, admin panel, social features, 1-on-1 real-time chat with online status, typing indicators, and message syncing using Socket.io.
  - Integrated YouTube Music API and yt-dlp for high-quality audio streaming and advanced search.
  - Designed a responsive, modern UI using Tailwind CSS, ShadCN UI, and Liquid Glass effects.
  - Managed global state with Zustand and secured routes/authentication using Clerk with JWT.
  - Github: github.com/rupak1005/Syncify
  - Live Link: advancespotify.onrender.com

- **Socially – Full-Stack Social Media App:** — April 2025- June 2025
  - **Tech Stack**: Next.js, React.js, Tailwind CSS, Prisma ORM with PostgreSQL via Neon
  - Integrated Clerk authentication (Google OAuth +email/password) synced user data across Clerk and databases.
  - Implemented core features: post creation with image uploads (Uploadingthing), likes, comments, notifications, user profiles, and dark mode.
  - Utilized Next.js server/client components, server actions, and dynamic routing for optimized performance and SEO.
  - Deployed on render with full CI/CD setup, environment configs, and responsive design for mobile and desktop.
  - Github: github.com/rupak1005/Socially
  - Live Link: socially.onrender.com

- **AI Legal Document Scanner:** — Mar 2025
  - **Tech Stack:** Python, Tesseract OCR, LayoutLM, DistilBART, Streamlit, Transformers
  - Built a web app using Streamlit to scan, extract, classify, and summarize legal documents like notices and summons
  - Used Tesseract OCR and LayoutLM for text extraction and layout-aware entity recognition from scanned images.
  - Applied DistilBART for automated summarization and generated structured JSON outputs of extracted data.
  - Streamlined legal document processing with NLP and CV, reducing manual effort and enhancing workflow efficiency.
  - GitHub: github.com/rupak1005/ai-legal-document-scanner
  - Live Demo: ai-legal-document-scanner.streamlit.app

- **File Encryption Tool:** — Feb 2025-Mar 2025
  - **Tech Stack:** Python, Streamlit, Cryptography
  - Developed a secure file encryption and decryption tool with a Streamlit-based GUI for an intuitive user experience.
  - Utilized the Python cryptography library to implement strong password-based encryption algorithms.
  - Added features like drag-and-drop support, password strength meter, and secure password validation.
  - Packaged the tool for easy distribution using PyInstaller, making it cross-platform and user-friendly.
  - GitHub: github.com/rupak1005/file-encryption-tool
  - Live Link: file-encryption-tool.streamlit.app/

CERTIFICATES

- Mastering Data Structures and Algorithms using C and C++ (Udemy) — Nov 2024
- Generative AI with Large Language Models — Sept 2024
- Prompt Engineering for ChatGPT — Sept 2024

EDUCATION

- **Lovely Professional University** — Punjab, India
  Bachelor of Technology - Computer Science and Engineering; CGPA: 7.4 — Since August 2022

- **Kendriya Vidyalaya School** — Haridwar, Uttarakhand
  Intermediate; Percentage: 82% — April 2019 - March 2021

- **Kendriya Vidyalaya School** — Haridwar, Uttarakhand
  Matriculation; Percentage: 86.2% — April 2017 - March 2019