

Shruti Lal Das

MERN Stack Developer

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[Linkdin](#) | [GitHub](#) | [Portfolio](#)

SKILLS

- **Language:** Java, C++, HTML, CSS, JavaScript, NodeJs
- **Library:** BootStrap, ReactJs, Tailwind, Express js
- **Tools:** Git, Chrome Developer Tools
- **Databases :** Mysql, MongoDB

ADDITIONAL HIGHLIGHTS

- Hands-on experience with **AI/ML APIs (OCR, Whisper, GPT)** integrated into real-world projects.
- Strong collaboration skills with **Git/GitHub workflow**, following clean code and commit practices.
- Deployed **production-ready** application using cloud platforms (**Netlify, Render**).

PROJECT

EXPENSE TRACKER

[LIVE](#)

[GITHUB](#)

Smart Tool for Tracking Expense 8/25

- Built a full-stack Expense Tracker web application using **React.js, Node.js, Express, and MongoDB**
- Integrated **Google OAuth (BFF approach)** for secure user authentication and login
- Implemented expense logging and category management with real-time updates
- Integrated **charts and graphs (Recharts)** to visualize monthly spending patterns
- Added **AI-powered insights summarizing expense trends** and highlighting key spending areas
- Implemented **OCR receipt scanner** to extract expense details automatically from uploaded bills
- Followed **Git/GitHub workflow** with professional commits for clean version control
- Deployed the application to **Netlify (frontend) and Render (backend)** for live usage

URL SHORTENER

[LIVE](#)

[GITHUB](#)

Simple Tool for Clean, Short Links 5/25

- Implemented backend logic for creating, storing, and retrieving **shortened URLs with unique identifiers**
- Designed a **responsive and minimal frontend interface** for generating and managing links
- Utilized **REST APIs** to connect frontend with backend and dynamically fetch shortened URLs
- Added copy-to-clipboard functionality for quick sharing of generated links
- **Integrated validation** to handle invalid or duplicate URLs
- Applied conditional rendering for displaying **success/error messages** to users
- Deployed application on Netlify (frontend) and Render/Heroku (backend) for live usage

VOICENOTE.AI

[LIVE](#)

[GITHUB](#)

AI-Powered Voice-to-Text Notes 6/25

- Implemented backend using **OpenAI Whisper API** for accurate audio transcription and **GPT-4o-mini** for emotion analysis
- Developed a clean and responsive frontend from scratch using **React.js** for recording and managing notes
- Integrated **REST APIs** to securely send audio files to backend and fetch processed transcriptions
- Added **emotion detection to highlight tone** and sentiment in generated notes
- Utilized **useEffect()** and **custom hooks for smooth API integration** and optimized state handling
- Applied conditional rendering to differentiate between raw transcriptions and **AI-enhanced** notes
- Deployed application on Vercel (frontend) and Render/Heroku (backend) for seamless access

EDUCATION

Bachelors of Computer Application - Jain University Bangalore (2022-2025)

12th - Kendriya Vidyalaya, Jagdalpur (2022)