

Rashmi Tiwari

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Education

Netaji Subhash Engineering College

July 2021 – June 2025

- Bachelor of Technology in Computer Science Engineering
- GPA: 8.46

Experience - 1+ Years of Experience

Junior Software Engineer, Geogo Techsolutions

June 2025 – Present

- Designed and implemented a credit-based model for **AI Agents** and **AI Tools** using **AdonisJS**, enabling a secure and regulated system.
- Built an admin portal for monitoring tool usage, managing credit allocation and tracking user activity across platform.
- Implemented detailed usage tracking and analytics for each tool, along with onboarding and activity tracking mechanisms for new users.
- Designed and developed an **agentic workflow creation** platform with **Django** and **React** to enable visual multi-step agentic workflow orchestration using **React-Konva**.
- Designed and built Django-based backend services for agent-driven workflow execution with **MCP tool integrations for LLM-supported processing** and implemented **Redis**-based relay architecture with real-time chat and **event streaming** for workflow execution.
- Built an interactive workflow canvas using React-Konva with draggable nodes, connectors, zoom/pan functionality, and dynamic state management.

MERN Stack Developer Intern, Geogo Techsolutions

Feb 2025 – June 2025

- Implemented **Django** backend APIs to support mobile app integration, ensuring consistent data flow across platforms.
- Developed interactive animations using **GSAP** and **Framer Motion**, **enhancing user engagement** and visual appeal through smooth, scroll-triggered, and state-based animations.
- Implemented Dark Theme using **Material-UI (MUI)** and improved styling and functionality bugs for a seamless user experience in both light and dark modes.
- Re-vamping UI/UX across multiple application routes, SEO optimization and improving flow of the product based on user feedback and modern design practices.

Software Developer Intern, Starlab Technologies

Oct 2024 – Dec 2024

- Architected database schema, workflow and implemented APIs for authentication of users.
- Built an authenticated file upload pipeline using Multer middleware and **AWS S3** for secure, scalable object storage.
- Implemented email notifications using **Nodemailer** to generate automated updates for a change in user status.
- Established **socket connections** for RFID readers to scan barcodes on remote systems, transmit data to an AWS server, and synchronize with the client application.
- Designed and implemented a meeting scheduler application schema and developed a fully functional **meeting scheduler application with Google Calendar** integrated.
- Created an installer for the RFID socket reader on remote systems using **Tkinter** and **Pystray**, streamlining deployment processes.

Projects

Taskly

[Github](#)

- Developed a collaborative project management platform with drag-and-drop task tracking to streamline workflows and boost team productivity.

Technologies

Languages: C++, C, Java, Python, JavaScript, TypeScript, SQL

Technologies: ReactJs, NextJs, NodeJs, ExpressJs, Adonis JS, Django, FastAPI, Flask, Redmine, Prisma, MongoDB, PostgreSQL, AWS, Sequelize, SQLAlchemy, Web Socket, SocketIO, Webhooks.