RHYTHM RAWAT

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EDUCATION

B.Sc. (Computer Science)
Bhimrao Ambedkar University

WORK EXPERIENCE

Freelancer   **Sept 2024 - Present**

- Guided clients through deploying a Django 5 application on **Vercel**, facilitating seamless integration with the platform's infrastructure.
- **Implemented and launched a Django application on AWS EC2** using **Nginx** and **Gunicorn** for scalable and efficient server management**.**
- Spearheaded development of a travel agency platform for a user-friendly booking experience
  - Architected the platform using **Next.js** 14 with **NextAuth v5**
  - **Integrated Razorpay** for seamless and reliable payment processing.
  - Designed and developed the platform using **Docker 27.5** and **Docker Compose**, streamlining **containerized** application management.
  - Optimized DNS settings to connect the client's domain to the server's IPv4 for accessible and stable operations.

Software Engineer Intern   **Jan 2024 - June 2024**

- **Developed Django models** to create **ORM (Object-Relational Mapping)** classes for database management.
- Created and optimized **Dockerfiles** for automation and improved deployment workflows.
- Designed and **implemented RESTful APIs** using Django 5.

Skills

Languages: Python, JavaScript, TypeScript, SQL

Frontend Technology: React.js, Next.js
Backend Techology: Django, Node.js, Express.js, Flask
DevOps & Infrastructure: Docker, Linux, Nginx, AWS
Version Control: Git

PROJECTS

ProMailer | JS, React.js, Expres.js, MongoDB, ReactFlow   GitHub

- Email Marketing **Automation tool** using the **MERN stack** and **ReactFlow** for interactive workflow design.
- Implemented **asynchronous email scheduling** using Agenda.js, enabling **automated message delivery** with precise delay controls (days,hours,minutes) for enhanced lead nurturing.
- Optimized reliability and error handling in email automation, ensuring accurate scheduling, validation of lead/template data, and fail-safe execution for seamless campaign management.
- Implemented features for email template management, **automated workflows** with delays, and lead source integration.
- Designed a user-friendly UI for intuitive workflow creation and **campaign management**.

ReactWrite | JS, Python, React, Django, Neon Postgres, Vercel   Link   GitHub

- Crafted a **scalable** microblogging solution employing **React18**-**Django5** architecture, allowing users to effortlessly manage profiles and interact socially.
- Implemented JWT-based authentication for secure user access and integrated social features like liking posts and following profiles.
- **Deployed** the application on Vercel and integrated Neon Postgres for database management.