

Rudrangi Rai

+91-79870-60772 | rairudrani2003@gmail.com

github.com/RudrangiRai | linkedin.com/in/rudrangi-rai-253562209 | rudrangirai.github.io

Education

Bachelor of Engineering in Computer Science

IES IPS Academy, Indore, India

2021 – Present

CGPA:8/10

Higher Secondary School Certificate

Carmel Convent School, M.P.

2020-2021

Percentage:75%

Secondary School Certificate

Carmel Convent School, M.P.

2018-2019

Percentage:86%

Skills

Languages: C++, JavaScript, Java (Basics), Python, HTML, CSS

Databases: PostgreSQL, MongoDB

Frameworks & Libraries: React.js, Redux Toolkit, RTK Query, Node.js, Tailwind CSS

Tools & Technologies: AWS (S3, EC2, RDS, Amplify, Cognito), Version control using Git and Github, SQL, Front-end Development, MERN stack development

Experience

Data Science Intern

July 2024-September 2024

Personify, New Delhi, India

- **Hate Speech Detection Model:** Developed and optimized a machine learning model to classify hate speech with high accuracy. Applied data preprocessing, feature engineering, and model evaluation techniques.
- **Credit Exploratory Data Analysis (EDA):** Performed exploratory data analysis on credit datasets, identifying trends and patterns. Generated data visualizations and actionable insights to support strategic decision-making.

Projects

RudStock - Inventory Management Dashboard

Tech Stack: Next.js, Redux Toolkit, RTK Query, Tailwind CSS, Material UI, Node.js, Prisma, PostgreSQL, AWS (EC2, RDS, Amplify, S3, Cognito)

- Developed a scalable full-stack inventory management application with robust features, including CRUD operations for inventory, detailed product analytics, and dark mode toggle.
- Integrated AWS services for seamless deployment: Amplify for hosting the Next.js frontend, EC2 for backend Node.js APIs, RDS for scalable PostgreSQL database management, and S3 for secure asset storage.
- Streamlined state management and data fetching with Redux Toolkit and RTK Query, ensuring a highly responsive and optimized user interface.

Petato - Pet Food Delivery Website

Tech Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js), Tailwind CSS

- Built a full-stack pet food delivery platform with features like an Admin Panel, Checkout System, and Product Listing Page.
- Designed a user-friendly UI for a seamless shopping experience.

Responsive Portfolio Website

Tech Stack: HTML, CSS, JavaScript

- Designed and developed a personal portfolio website to showcase projects and skills.
- Implemented a fully responsive layout for seamless viewing across devices

Byte Bazaar – Electronics E-Commerce Shop

Tech Stack: MERN Stack (MongoDB, Express.js, React.js, Node.js)

- Developed an e-commerce platform featuring product listings and a shopping cart using React.js and Node.js.
- Enhanced user experience with real-time updates and intuitive navigation.

Achievements & Certifications

- Naukri Campus Young Turks – Certification of Merit (Scored 98.31 percentile)
- Cleared Round 1 of TCS CodeVita Season 12 with a global rank of 5227 out of over 4.5 lakh participants
- AWS Academy Cloud Foundation – AWS Academy Graduate
- AWS Academy Machine Learning Foundations Course
- Postman API Fundamentals Student Expert Certification
- Completed DBMS - Database Management Systems Guided Path on Code360 by Coding Ninjas