

Rudresh Pandey

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SKILLS

Languages: Java, C, C++, Python, HTML, CSS, JavaScript, TypeScript, SQL, NoSQL, MATLAB, R

Frameworks: ReactJs, NextJs, Github, Figma, Canva

Developer Tools: Git, Google Cloud Platform, MongoDB, Firebase, Supabase, MySQL, Google Maps Platform, NodeJs, ExpressJs, Flask, Django, Tailwind, ShadCN, Socket

Relevant Courseworks: Data Structures and Algorithms, Database Management, Web Development, Computer Networks, Operating Systems, Microprocessors and Microcontrollers

EXPERIENCE

Backend Developer - Project Intern

June 2024 – Present

Oxla LLP

Chennai, India

- Collaborated with a professional team using Git for version control.
- Developed and maintained the backend and database for the product.

Full Stack Developer - Intern

May 2024 - Present

Ziga Infotech

Chennai, India

- Designed UI/UX and developed a commercial production-level Next.js website for a client.
- Engaging regularly with clients to develop and test the required requirements.

Lead Web Developer

Sept 2023 - Present

Microsoft Innovations Club, VIT Chennai and HackClub, VIT Chennai

Chennai, India

- Serving as a lead managing major projects and assisting in ideation and development.
- Developed [CP-Notifier](#), Node engine backend integrating clist.by api and google calendars with Firebase Auth.
- Designed and developed [HackClub official website](#) on ReactJs using TailwindCss and Framer Motion.
- Developed the frontend of a mystery game hackathon website, [HackQuest](#), using React-vite and TailwindCss.

PROJECTS

Scholizare ([link](#))

Dec 2023 - Feb 2024

NextJs, TailwindCss, Google Maps and Calendar, Gemini, Firebase, MongoDB

OpenWeaver Make-a-thon winner

- Built a Google Maps-based platform to connect students with nearby mentors/teachers for mentorship.
- Google Calendar facilitates seamless organization of assignments, Google Meets scheduling, and incorporates an integrated chat feature, fostering efficient communication between mentors and their respective students.
- Developed Gemini API doubt bot- Dolphin and mental health chat bot- Baymax to assist students.

Breeze

April 2024

React, Tailwind, python, Langchain, OpenAi, Fast api, speech-to-text

Selected for Genathon 2023

- Speech input that can send mail and fetch mail with specific keyword.
- Created various assistant to classify the request type, and send and perform queries accordingly.
- Voice Automated web projects creation and instant deployment and voice driven Database CRUD operations.

AQI Prediction Model

Aug 2023 - Dec 2023

Classification model, 1-D CNN, GRU, LSTM

Research

- Tested country datasets to check for AQI using classification model on CNN, LSTM and GRU.
- Designed a GRU-LSTM hybrid classification model for better accuracy in AQI prediction.

EDUCATION

Vellore Institute of Technology, Chennai

Chennai, India

Bachelor of Technology, Computer Science - (CGPA - 8.9)

2022- 2026

CMS Gomti Nagar

Lucknow, India

Intermediate Degree, PCM+Computer Science - (Percentage - 97.25%)

2019- 2021

ACHIEVEMENTS

Microsoft Student Learn Ambassador - Microsoft | Nov 2023 - Present

VNEST make-a-thon runner up - Open Weaver | Aug 2023

IEEE Yesist Finalish 2024 | April 2024