

# Rahul Panwar

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## Technical Skills

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- **Languages** :C++ , Python, SQL, HTML, CSS, javascript
- **Technologies** : Machine Learning, DBMS, UX/UI, MongoDB
- **Framework** : React.js, Node.js, Express.js, Tailwind CSS
- **Core Competencies** : Data Structures , Algorithm Analysis

## Education

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Vellore Institute of Technology,, Bachelor of Computer Science 2021 - 2025

## Experience

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**Full Stack Development Intern**, Cognifyz Technologies May 2025 – June 2025

- Engineered six RESTful API endpoints with Node.js and Express, facilitating seamless and secure Create, Read, Update, and Delete (CRUD) operations across diverse application modules.
- Developed and integrated 5+ RESTful API endpoints enabling fast, secure CRUD operations across modules.
- Collaborated in an Agile team of 4 using Git, with dynamic route handling & secure form processing.

**Database Intern**, Indian Army Aug 2023 – Sep 2023

- Completed an internship focused on legacy vehicle parts using a specialized SQL database for the military.
- Enabled accurate access to 100+ personnel by managing data for obsolete components like 1950s carburetor fans.

## Projects

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**WanderWise** Website Link

- Forged a Trip Planner web application using React, Vite, and Tailwind CSS; integrated Gemini API and Google Places API, resulting in a 30% reduction in trip planning time for beta users.
- Integrated Gemini API for intelligent trip generation and Google Place API for dynamic map location management, enhancing user experience with real-time data.

**Leukemia-Detection** Github Link

- Built a deep learning model using TensorFlow/Keras to classify leukemia cells from blood smear images, achieving high validation accuracy with data augmentation and CNN-based architecture.
- Automated preprocessing of 2,000+ images using ImageDataGenerator and EarlyStopping, achieving 98% accuracy in real-time binary classification of normal vs. abnormal cells.

**Portfolio Website** Website Link

- Built a fully responsive personal portfolio using React.js, Vite, JavaScript, Tailwind CSS, HTML, and CSS, with interactive project showcase animations and structured reusable components using Framer Motion.
- Integrated EmailJS to automate responses for 24/7 contact form access without server-side code; deployed on Netlify with 99.9% uptime and managed version control across 30+ commits using Git and GitHub.

## Certification

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- **Python Certificate:** Certificate
- **Internship Certificate:** Certificate
- **Digital marketing:** Certificate