Rahul Panwar

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Technical Skills

- **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

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

Experience

Web Developer, IoTHINC VIT, Chennai   2022 – 2023

- Served as a Web Developer for the Iothinc Club at VIT Chennai for 2 years, contributing to technical events and website development
- Organized and coordinated 4+ major campus events, while mentoring 10 juniors and providing technical and operational support

Database Intern, Indian Army   Aug 2023 – Sep 2023

- Completed an internship as a **database intern** with the Indian Army, focusing on a specialized SQL database for military vehicle parts
- Managed data for obsolete components like 1950s carburetor fans, enabling accurate access for 100+ personnel to support prototype development, component testing, and successful replacement part production

Projects

Amazon Clone   Clone Link

- Built an Amazon-clone website using HTML and CSS, replicating the design and user interface of the original platform
- Implemented responsive web design principles for optimal viewing across various devices

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

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