Raghvendra Sharma

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Education

Manipal University Jaipur, B.Tech in Computer Science and Engineering CGPA: 7.38
 Cambridge Court High School
Class 12 - 84%
 Cambridge Court High School
Class 10 - 92%
 Jaipur, Rajasthan
 2022 - 2026
Jaipur, Rajasthan
 2020
Jaipur, Rajasthan
 2018
Jaipur, Rajasthan

Projects

• Legal Document Summarization

Express / FastAPI / Next.js / PostgreSQL / Prisma ORM

- Built a full-stack platform for PDF/TXT upload and dual summarization: extractive (NLTK) and abstractive (fine-tuned BART).
- Developed FastAPI microservices (NLP) and Express.js backend (auth, file handling) with JWT, PostgreSQL, and Prisma ORM.
- Designed a Next.js frontend with file upload, summary-mode switch, and dashboard with routing/API integration.
- Fine-tuned BART on Civilsum, improving ROUGE-1 (29% to 44%), ROUGE-2 (8% to 22%), and reducing inference time by 45%.
- Containerized with Docker and deployed on Google Cloud Platform for scalability.
- View Project

• ShopEase

Oct 2024 - Dec 2024

React / Redux / Bootstrap / FakeStore API

- Built a responsive e-commerce site supporting dynamic product catalogs using FakeStore API.
- Used Redux for state management and Bootstrap for sleek, consistent styling.
- Integrated features like product filters, sorting, and cart management.
- View Project

Technical Skills

- Languages: Python, C++, C, JavaScript, TypeScript, SQL
- Developer Tools: VSCode, Git, GitHub, Docker
- Concepts:OS, Virtual Memory, Cache, DBMS
- Libraries/Frameworks: React, Next.js, Express.js, Node.js, PostgreSQL, Prisma, Tailwind CSS
- Cloud Platforms: AWS

Certifications

- CCNAv7: Switching, Routing, and Wireless Essentials
- CCNAv7: Enterprise Networking, Security, and Automation
- Oracle: Database Programming with PL/SQL
- Red Hat: System Administration II (RH134)