DEEPAK GOUTAM

New Delhi, India

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Education

B.Tech (Computer Science) / VIT Bhopal University	CGPA − 8.83/ 2022 − 2026
10th Standard | Rajkiya Pratibha Vikas Vidyalaya, Dwarka	96.8% / 2019 − 2020
12th Standard | Rajkiya Pratibha Vikas Vidyalaya, Dwarka	93% / 2021 − 2022

Technical Skills

Languages - C++, C, JavaScript, Python, Java
Frontend   - HTML, CSS, React JS, Next.js, Tailwind CSS
Backend   - Node JS, Express JS, Next.js
Database   - MySQL, MongoDB
Additional - Machine Learning, Git, GitHub, VS Code, AWS
Coursework- Data Structures and Algorithms, Object-Oriented Programming System, Database Management Systems

Projects

Alzheimer Disease Detection   GitHub Repo | Python, TensorFlow, CNN, Deep Learning

Data Utilization**:** AI models use various data types, including medical imaging, genetic information, and cognitive tests, to detect patterns associated with Alzheimer's disease.
Techniques and Processes: Machine learning methods like CNNs for image analysis and predictive modeling algorithms are used to train and validate models for accurate detection and prediction.
Challenges and Applications: Ensuring data quality, interpretability of results, and addressing ethical concerns are key challenges; however, AI tools are increasingly being developed to enhance early diagnosis and treatment.

Ticket Support System   GitHub Repo | React.js, Node.js, Express.js, MongoDB

A full-stack support ticketing system with role-based access (user, admin, super admin), real-time ticket tracking, and JWT-secured authentication. Built with Redux Toolkit and RTK Query for efficient state management and a responsive dashboard UI.

Personal Portfolio   GitHub Repo | React.js, Tailwind CSS, Framer Motion

Created a comprehensive online portfolio to showcase projects, skills, and experience using modern web technologies.
Used React to manage dynamic content and state, providing a smooth and efficient user experience.
Implemented a contact form to enable visitors to get in touch directly through the website.

Spotify Clone   GitHub Repo | HTML, CSS, JavaScript

A responsive music streaming web app mimicking Spotify's core UI/UX. Integrates Spotify Web API to fetch playlists, play tracks, and display real-time song data. Includes OAuth-based user authentication and dynamic route-based navigation.

Experience

MERN Full Stack Development Intern MERN Certificate   January 2025 - April 2025

Gained hands-on experience in building full-stack applications using MongoDB, Express.js, React.js, and Node.js.
Developed and deployed CRUD-based web projects with responsive UI using HTML, CSS, Bootstrap, and JavaScript.

Experiential Learning Trainee | CMSD – Hyderabad & Pune   September 2024 – October 2024

IoT, Satellite Systems, CBTC, Telecom Infra, Prototyping
Explored real-world tech at ISRO-NRSC, L&T Metro, BSNL, and T-Works, gaining hands-on exposure to IoT, metro automation, and satellite systems.
Understood server infrastructure, communication networks, and R&D incubation through industry visits and workshops.

Achievements

* **NPTEL** Certificates: Cloud Computing, Marketing Analytics
* Google Coursera Certificate: Bits and Bytes of Computer Networking
* Solved over **350+ problems** on various platforms. **Leetcode   GeeksforGeeks   CodingNinjas**
* Selected for the prestigious **EY Scholarship** Program in recognition of academic excellence   2020-2025
* Several LinkedIn certificates to boost my soft skills. (Acting Decisively, Communication Foundation etc.)
* Successfully completed Advanced Microsoft Excel and PowerPoint training by EY.