Adarsh Raj

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EDUCATION

Central University of Haryana   **Haryana, India**
Bachelor of Technology in Computer Science and Engineering   Expected 2025
GPA: 8+

WORK EXPERIENCE

Northstar Technologies International Ltd.
ReactJS Developer Intern, Mumbai, India   June 2024 - July 2024

- Implemented efficient state management using Redux to optimise data flow in Web 3.0 applications.
- Integrated RESTful APIs with the frontend for seamless communication between ReactJS components and backend services.

Department of Telecommunications, Government of India
Sanchar Mitra, Haryana LSA, India   Feb 2024 - Aug 2024

- Engaged in creating awareness about telecommunication services and initiatives, fostering connectivity and digital literacy in local communities.
- Conducted outreach programs and campaigns to promote digital infrastructure awareness, contributing to a more connected and informed society.

Doozy Infotech
Frontend Developer Intern, Patna, India   June 2023 - Aug 2023

- Managed GitHub repositories for version control, issue tracking, and team collaboration to ensure streamlined development workflows.
- Developed the front-end interface for a chatbot powered by LLM and integrated it with backend services via API.

TECHNICAL SKILLS

Programming Languages: C, C++, JavaScript, Python, HTML, CSS, SQL, Bash
Frameworks/Libraries: ReactJS, NodeJS, ExpressJS, EJS, Tailwind, PostgreSQL
Tools: Linux, Postman, VSCode, Git & GitHub, Vercel

PROJECTS

- Developed **Secrets Vault**, a full-stack web application for anonymous secret sharing, featuring user authentication via Google OAuth 2.0, secure password storage with bcrypt, session management, PostgreSQL integration, and a responsive design using Bootstrap.
- Created **Bankist**, a fictional online banking application featuring user login, fund transfers, loan requests, and account closure functionalities, focusing on DOM manipulation and user interaction.
- Developed a **weather forecast** application using Express, Axios, and EJS, integrating the OpenWeatherMap API to display real-time weather data based on user input.
- Built an **investment calculator** using React, enabling users to input investment details, validate input, and calculate projected growth based on initial investment, annual contributions, return rate, and duration.
- Developed a C++ program to generate yearly **calendars**, validate dates, and determine the day of the week for any given date, incorporating leap year logic.
- Developed a **Snake game** using Python's Turtle graphics, implementing multiple difficulty modes, collision detection, and dynamic speed adjustment based on game progression.

ACHIEVEMENTS

- Certificate of Appreciation from StockGro for organising a National Level Trading Simulation Competition.
- Awarded Certificate of Merit for Best Attendance (100%) for four consecutive years (Class 6th to 9th).

KEY POSITIONS

Development Lead, Google Developer Group (GDG) (CUH)   2024 - 2025
Member, Grievance Committee, CSE Department, Central University of Haryana (CUH)   2023 - 2024
Core Member, Advik (Annual Technical Fest, CUH), led design and data compilation   2023